

TCEQ Letter Date:

TCEQ Depths:

Type of Exp. Entry

Surface Csg Depth:

DV Depth:

RAIL

MISSION OF TEXAS

Gas Division

Form W-2

Rev. 4/1/83

EAG0897

Oil Well Potential Test, Completion or Recompletion Report, and Log			7. RRC District No. 8
1. FIELD NAME (as per RRC Records or Wildcat) Two Georges (Bone Springs)			8. RRC Lease No. N/A-39556
2. LEASE NAME University 20-26		9. Well No. 1H	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) OXY USA Inc.		10. County of well site Winkler	
4. ADDRESS P.O. Box 50250 Midland, TX 79710-0250		11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (explain in Remarks) <input type="checkbox"/>	
5. If Operator has changed within the last 60 days, name the former operator			
6a. Location (Section, Block, and Survey) Sec 26 Blk 20 ULS	6b. Distance and direction to nearest town in this county. 17.3 miles SW from Kermit, TX		
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR CENTRAL RECORDS	GAS ID or OIL LEASE # RECEIVED	Oil - O Gas - G	WELL NO.
13. Type of electric or other log run BHCS/GR	NOV 24 2009		14. Completion or recompletion date 3/2/09

AUSTIN, TEXAS

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 3/11/09	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) flowing		18. Choke size
19. Production during Test Period Oil - BBLS 280	Gas - MCF 331	Water - BBLS 318	Gas - Oil Ratio 1182	Flowing Tubing Pressure 450 PSI
20. Calculated 24-Hour Rate Oil - BBLS 280	Gas - MCF 331	Water - BBLS 318	Oil Gravity - API - 60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) 1845bb1		23. Injection Gas-Oil Ratio
REMARKS:				

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

RECEIVED
RRC OF TEXAS

APR 22 2009

O&G
MIDLAND

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Same as operator

Signature. Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

David Stewart

Typed or printed name of operator's representative

432-685-5717

Telephone: Area Code Number

Date: 4/20/09

Sr. Regulatory Analyst

Title of Person

Signature

MAPPING

SECTION II				DATA ON WELL COMPLETION				(Not Required on Retest)			
24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>								25. Permit to Drill, Plug Back or Deepen DATE 10/4/08 PERMIT NO. 671792			
26. Notice of Intention to Drill this well was filed in Name of QXY USA Inc.								Rule 37 Exception Water injection Permit Salt Water Disposal Permit Other			
27. Number of producing wells on this lease in this field (reservoir) including this well 1				28. Total number of acres in this lease 961				PERMIT NO.			
29. Date Plug Back, Deepening, Workover or Drilling Operations: 10/13/08		Commenced 12/12/08		Completed N/A		30. Distance to nearest well. Same Lease & Reservoir N/A					
31. Location of well, relative to nearest lease boundaries of lease on which this well is located 620 east Feet from south Line and 620 Feet from Univ 20-26 Lease											
32. Elevation (DF, RKB, RT, GR, ETC.) 2776.6' GR 11,634.73 TWD						33. Was directional survey made other than inclination (W-12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
34. Top of Pay 12100'M		35. Total Depth 15500'M		36. P. B. Depth 15403'M		37. Surface Casing Determined by: Field Rules <input checked="" type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input checked="" type="checkbox"/>		Dt. of Letter 10/3/08	
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR						40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools			
41. Name of Drilling Contractor H&P								42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
43. CASING RECORD (Report All Strings Set in Well)											
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.				
13-3/8"	48#	391'		430 C	17-1/2"	Surf	712				
9-5/8"	40#	6369'		1800HL 200PP	12-1/4"	Surf	3992				
7"	29-32#	12051'		810IFH 200PP	8-3/4"	7073' -CBL	2255				
44. LINER RECORD											
Size	TOP	Bottom	Sacks Cement	Screen							
4-1/2"	10556'	15496'	510PP								
45. TUBING RECORD											
Size	Depth Set	Packer Set	From	To							
2-3/8"	10500'	10500'	12100'M	15400'M							
46. Producing Interval (this completion) Indicate depth of perforation or open hole											
From 12100'M To 15400'M											
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
Depth Interval						Amount and Kind of Material Used					
12100-15400'						15000g 7-1/2% HCl acid					
12100-15400'						461719g Frac w/ 565000# sand					
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)											
Formations	Depth	Formations	Depth								
Delaware	5238'										
Bone Spring	8695'										

REMARKS SL-Svy-2035 FNL 620 FEL Sec 26 - PP-Lse-606 FSL 547 FEL Svy-2027 FNL 547 FEL Sec 26

TL-Lse-3185 FNL 714 FEL Svy-2103 FSL 714 FEL Sec 23

TD-15500'M 11635'V

WY 6002 80 L30 Kop 10720

Job # 08-11412.

VALID PERMIT
261149

Cementor: Fill in shaded areas
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
HAL1199

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) OXY USA Inc.	2. RRC Operator No. 630591	3. RRC District No. 8	4. County of Well Site Winkler
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Two Georges (Bone Springs)	6. API No. 42-495-33311	7. Drilling Permit No. 671792	
8. Lease Name University 20-26	9. Rule 37 Case No. -	10. Oil Lease/Gas ID No. N/A	11. Well No. 1H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		10/14/2008					
13. *Drilled hole size		17 1/2"					
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		13 7/8"					
15. Top of liner (ft)							
16. Setting depth (ft)		391'					
17. Number of centralizers used		6					
18. Hrs. waiting on cement before drill-out		36					
1st Slurry	19. API cement used: No. of sacks ▶	230					
	Class ▶	c					
	Additives ▶	see remarks					
2nd Slurry	No. of sacks ▶	200					
	Class ▶	c					
	Additives ▶	see remarks					
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶	442					
	Height (ft.) ▶	636 30					
2nd	Volume (cu.ft.) ▶	270					
	Height (ft.) ▶	355					
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶	712					
	Height (ft.) ▶	385					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		yes					

RECEIVED
RRC OF TEXAS

APR 22 2009

O&G
MIDLAND

22. Remarks

lead- 5% salt,
tail- 2% calcium chloride
55 bbls (161 sks) of cement to the surface

Sales Order 6240576
Customer Name
OXY USA WTP LP EBUSINESS
Lease
University 20-26
Well Number #1H
Winkler County

OVER ►

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu.ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Patrick Herring / service supervisor
Name and Title of Cementer's Representative

Halliburton Energy Services
Cementing Company

Pat Herring
Signature

6155 west murphy odessa tx #
Address City State, Zip Code

1800-844-8451
Tel: Area Code Number

10/14/2008
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91 143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

David Stewart
Typed or Printed Name of Operator's Representative

S.R. Paz, Analyst
Title

[Signature]
Signature

P.O. Box 50250 Midland TX 79710
Address City, State, Zip Code

432-685-5717
Tel: Area Code Number

4/20/09
Date: Mo. Day Yr.

Instruction to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- * An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- * **Form W-4**, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- * **Form W-3**, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting **dry holes**, operators must complete
- * **Form W-15, in addition to Form W-3, to show any casing cemented in the hole.**

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. **Surface casing.** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. **Centralizers.** Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. **Exceptions and alternative casing programs.** The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. **An operator must obtain approval of any exception before beginning casing and cementing operations.**

F. **Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. **Plugging and abandoning.** Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Cementer: Fill in shaded areas
Operator: Fill in other items

Form W-15
Cementing Report
Rev.4/1/83
HAL1199

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) OXY USA Inc.	2. RRC Operator No. 630591	3. RRC District No. 8	4. County of Well Site Winkler
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Two Georges (Bone Springs)	6. API No. 42-495-33311	7. Drilling Permit No. 671792	
8. Lease Name University 20-26	9. Rule 37 Case No. -	10. Oil Lease/Gas ID No. W14	11. Well No. 1H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date			10/26/2008				
13. *Drilled hole size			12 1/4"				
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)			9 5/8"				
15. Top of liner (ft)							
16. Setting depth (ft)			6369'				
17. Number of centralizers used			31				
18. Hrs. waiting on cement before drill-out			12				
1st Slurry	19. API cement used: No. of sacks ▶		1800				
	Class ▶		HALLI LIGHT				
	Additives ▶		NONE				
2nd Slurry	No. of sacks ▶		200				
	Class ▶		PREM. PLUS				
	Additives ▶		NONE				
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶		3726				
	Height (ft.) ▶		11897				
2nd	Volume (cu.ft.) ▶		266				
	Height (ft.) ▶		849				
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶		3992				
	Height (ft.) ▶		12746				
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			YES				
22. Remarks CIRCULATE 5BBLS 14SKS TO SURFACE				Sales Order 6264797 Customer Name OXY USA WTP LP EBUSINESS Lease University 20-26 Well Number 1H Winkler County			

RECEIVED
RRC OF TEXAS
APR 22 2009
O&G
MIDLAND

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu.ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

ALVARO PERALES SERVICE SUPERVISOR
Name and Title of Cementer's Representative

Halliburton Energy Services
Cementing Company

Alvaro Perales
Signature

6155 W MURPHY ODESSA TX 79763
Address City State Zip Code

1-800-844-8451
Tel: Area Code Number

10/26/2008
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

David Stewart
Typed or Printed Name of Operator's Representative

Sr. Rep. Analyst
Title

David Stewart
Signature

P.O. Box 50250 Midland TX 79710
Address City State Zip Code

432-685-5717
Tel: Area Code Number

4/20/09
Date: Mo. Day Yr.

Instruction to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- * An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- * Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- * Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete *Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Cementer: Fill in shaded areas
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
HAL1199

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) OXY USA Inc.	2. RRC Operator No. 630591	3. RRC District No. 8	4. County of Well Site Winkler
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Two Georges (Base Springs)	6. API No. 42-495-33311	7. Drilling Permit No. 671792	
8. Lease Name University 20-26	9. Rule 37 Case No. —	10. Oil Lease/Gas ID No. N/A	11. Well No. 1H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date			11/20/2008				
13. *Drilled hole size			8 3/4"				
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)			7"				
15. Top of liner (ft)							
16. Setting depth (ft)			12051'				
17. Number of centralizers used			57				
18. Hrs. waiting on cement before drill-out			65				
1st Slurry	19. API cement used: No. of sacks ▶		810				
	Class ▶		Interfill H				
	Additives ▶		See Remarks				
2nd Slurry	No. of sacks ▶		200				
	Class ▶		Premium				
	Additives ▶		See Remarks				
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶		2016.9				
	Height (ft.) ▶		15905.07				
2nd	Volume (cu.ft.) ▶		238				
	Height (ft.) ▶		1876.84				
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶	0	2254.9	0		0	0
	Height (ft.) ▶	0	17781.91	0		0	0
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			No				
22. Remarks Lead Slurry = Interfill H - .2% Hr 800 - 1#/sk Phenoseal Tail Slurry = Premium - .5% Halad 9 - .2% Hr 800				Sales Order 6284377 Customer Name Oxy USA Lease University 20-26 Well Number #1H Winkler County			

RECEIVED
RRC OF TEXAS

APR 22 2009

O&G
MIDLAND

OVER ►

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu.ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Rodney Hardesty Sr. Service Supervisor
Name and Title of Cementor's Representative

Halliburton Energy Services
Cementing Company

Signature

6155 W Murphy St Odessa Tx 79763
Address City State, Zip Code

800-844-8451
Tel: Area Code Number

11/20/2008
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

David Stewart
Typed or Printed Name of Operator's Representative

SR. Rep. Analyst
Title

Signature

P.O. Box 50250 Midland TX 79710
Address City, State, Zip Code

432-685-5717
Tel: Area Code Number

4/20/09
Date: Mo. Day Yr.

Instruction to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- * An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- * **Form W-4**, Application for Multiple Completion, if the well is a multiple parallel casing complete; and
- * **Form W-3**, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete ***Form W-15, in addition to Form W-3, to show any casing cemented in the hole.**

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. **Surface casing.** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. **Centralizers.** Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. **Exceptions and alternative casing programs.** The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. **An operator must obtain approval of any exception before beginning casing and cementing operations.**

F. **Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. **Plugging and abandoning.** Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) OXY USA Inc.	2. RRC Operator No. 630591	3. RRC District No. 8	4. County of Well Site Winkler
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Two Georges (Bone Springs)	6. API No. 42-495-33311	7. Drilling Permit No. 671792	
8. Lease Name University 20-26	9. Rule 37 Case No. —	10. Oil Lease/Gas ID No. N/A	11. Well No. 1H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				12/10/2008			
13. *Drilled hole size				6"			
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				4 1/2"			
15. Top of liner (ft)				10556'			
16. Setting depth (ft)				15496'			
17. Number of centralizers used							
18. Hrs. waiting on cement before drill-out				+72			
1st Slurry	19. API cement used: No. of sacks ▶			510			
	Class ▶			PREMIUM			
	Additives ▶			SEEREMARKS			
2nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶			612			
	Height (ft.) ▶			7124			
2nd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶			612			
	Height (ft.) ▶			7124			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				NO			
22. Remarks PUMP CEMENT SLURRY 510SKS WITH PREMIUM 1%HALAD .75%CFR-3 .25%HR-601						<div style="text-align: right;"> RECEIVED RRC OF TEXAS APR 22 2009 O&G MIDLAND </div>	
<div style="display: flex; justify-content: space-between;"> <div> Sales Order 6364812 Customer Name OXY USA WTP LP EBUSINESS Lease University 20-26 Well Number 1 H Winkler County </div> </div>							

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu.ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

ALVARO PERALES SERVICE SUPERVISOR
Name and Title of Cementer's Representative

Halliburton Energy Services
Cementing Company

Alvaro Perales
Signature

6155 W. MURPHY **ODESSA** **TX** **79763**
Address City State, Zip Code

1-800-844-8451
Tel: Area Code Number

12/10/2008
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

David Stewart
Typed or Printed Name of Operator's Representative

SP. Rep. Analyst
Title

David Stewart
Signature

P.O. Box 50250 Midland TX 79710
Address City, State, Zip Code

432-685-5717
Tel: Area Code Number

4/20/09
Date: Mo. Day Yr.

Instruction to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- * An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- * Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- * Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete *Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Please Read Instructions

ELECTRIC LOG
STATUS REPORT

FORM L-1

Rev. 01/02

EAG0402

INSTRUCTIONS

When to file the L-1

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period of confidentiality has not yet expired

When the L-1 is NOT required

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas, and geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to file the L-1

- with the appropriate Commission district office

Filling out the L-1

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such a log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SEE REVERSE SIDE

SECTION I. IDENTIFICATION

Operator Name OXY USA Inc.	District No. 8	Completion Date 3/2/09
Field Name Two Georges (Bone Spring)	Drilling Permit No. 671792	
Lease Name University 20-26	Lease/ID No. N/A	Well No. 1H
County Winkler	API No 42- 495 33311	

SECTION II. LOG STATUS (complete either A. or B.)

☐

A. BASIC ELECTRIC LOG NOT RUN

☒

B. BASIC ELECTRIC LOG RUN (select one)

☒

1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.

☐

2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).

☐

3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).

☐

4. Log attached to (select one)

☐

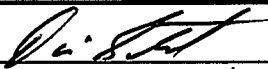
(a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential ☐☐

(b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐

(c) Form W-4, Application for Multiple Completion: lease or ID no.(s) _____, well no.(s) _____



signature

Sr. Reg. Analyst

title

David Stewart

name (print)

432 685-5717

phone

4/20/09

date

For Railroad Commission use only

RECEIVED
RRC OF TEXAS
APR 22 2009
O&G
MIDLAND



GH00201819

SchlumbergerCompany: **Occidental Permian Ltd.**Well: **University 20-26 #1H**Field: **Block 20 (Two Georges)**County: **Winkler** State: **Texas****Borehole Compensated Sonic
Gamma Ray**

County: **Winkler**
 Field: **Block 20 (Two Georges)**
 Location: **2035' FNL & 620' FEL**
 Well: **University 20-26 #1H**
 Company: **Occidental Permian Ltd.**

LOCATION

2035' FNL & 620' FEL
 Section 26, Block 20
 University Lands Survey

Elev.: K.B. 2800.60 ft
 G.L. 2776.60 ft
 D.F. 2799.60 ft

Permanent Datum: GROUND LEVEL Elev.: 2776.60 ft
 Log Measured From: KELLY BUSHING 24.00 ft above Perm. Datum
 Drilling Measured From: KELLY BUSHING

API Serial No.
 42-459-33311

Section
 26

Block
 20

Survey
 University Lands

MUD	Logging Date		15-Nov-2008			
	Run Number		1			
	Depth Driller		12060 ft			
	Schlumberger Depth		11840 ft			
	Bottom Log Interval		11840 ft			
	Top Log Interval		6372 ft			
	Casing Driller Size @ Depth		9.625 in	@	6370 ft	@
	Casing Schlumberger		6372 ft			
	Bit Size		8.750 in			
	Type Fluid In Hole		Brine			
	Density	Viscosity	9.8 lbm/gal	57 s		
	Fluid Loss	PH	5 cm3	9.5		
	Source Of Sample		Circulation Tank			
	RM @ Measured Temperature		0.080 ohm.m	@	71 degF	@
	RMF @ Measured Temperature		0.080 ohm.m	@	71 degF	@
	RMC @ Measured Temperature			@		@
	Source RMF	RMC	Rmf = Rm			
	RM @ MRT	RMF @ MRT	0.038 @ 155	0.038 @ 155	@	@
	Maximum Recorded Temperatures		155 degF			
	Circulation Stopped		Time	14-Nov-2008	0:00	
	Logger On Bottom		Time	15-Nov-2008	11:30	
Unit Number		Location		2322	Midland	
Recorded By				Ahmed Elsharkawy		
Witnessed By				George Lambert / Travis Samford		

495-33311

RAILROAD COMMISSION OF
TEXAS
Oil and Gas Division
PO Box 12967
Austin, Texas 78711-2967
www.rtc.state.tx.us

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12

EAG0701

1. Field Name(s) Two Georges (Bone Springs)	2. Lease/ID Number (# assigned) N/A	3. RRC District Number 8
4. Operator Name OXY USA Inc.	5. Operator P-5 Number 630591	6. Well Number 1H
7. Pooled Unit Name University 20-26	8. API Number 42-495-	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input checked="" type="checkbox"/> Completion Report
10. County Winkler	11. Total acres in pooled unit 961.05	

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT (See Inst. #7 below)	INDICATE UNDIVIDED INTERESTS	
			UNLEASED	NON-POOLED
1	Tract 1	640.7	<input type="checkbox"/>	<input type="checkbox"/>
2	Tract 2	320.35	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>


RECEIVED
RRC OF TEXAS

APR 22 2009

O&G
MIDLAND

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.


 Signature _____ Print Name **PATRICK S. SPARKS**
Landman **PATRICK.SPARKS@oxy.com** **9/24/08** **713-350-4784**
 Title _____ E-mail (if available) _____ Date _____ Phone _____

INSTRUCTIONS - Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an "i" to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.

Page _____ of _____

RECEIVED
RRC OF TEXAS
APR 22 2009
O&G
MIDLAND

UNIVERSITY LANDS BLOCK 20

OXY USA INC.
University "20-26"

Tract 1
(640.7Ac.)

Tract 2
(320.35Ac.)

SURF. TO PEN. POINT -- GRID BEARING N67°03'15"E
TRUE DISTANCE -- 72ft.

PEN. POINT TO EOT -- GRID BEARING N18°34'41"W
TRUE DISTANCE -- 4133ft.

RECOMPLETION WELL NO. 1
620' FEL x 2035' FNL Section 26, Blk. 20
University Lands Survey, Winkler, Co.
WELL DATA - NAD 27, TX(C)
X= 1083140.96'; Y= 750415.98'
Lat.= 31°41'47.64"; Long.= 103°16'53.53"
Ground Elevation: 2776.6'
Approx. 17.3 miles Southwest of Kermit, TX

PENETRATION POINT WELL NO. 1
547' FEL x 2027' FNL Section 26, Blk. 20
University Lands Survey, Winkler, Co.
WELL DATA - NAD 27, TX(C)
X= 1083207.24'; Y= 750444.04'
Lat.= 31°41'47.94"; Long.= 103°16'52.77"

END OF TERMINUS WELL NO. 1
714' FEL x 2103' FSL Section 23, Blk. 20
University Lands Survey, Winkler, Co.
WELL DATA - NAD 27, TX(C)
X= 1081890.56'; Y= 754361.46'
Lat.= 31°42'26.35"; Long.= 103°17'09.21"

FIELD: TWO GEORGES (BONE SPRING)

TOTAL AC. = 961.05 AC.

UNIT BOUNDARY - - - - -

PRODUCING WELL - - ●

INJECTION WELL - - ●

WELL LOCATIONS - - ○

PROPOSED CONVERSION WELL - - ○ I-PC

I, DENNIS W. HUGHES hereby certify that this plat,
drawn to the scale indicated, accurately represents
conditions as they actually exist on the property
on which permit to drill is sought and correctly
reflects all pertinent data required to be shown on
such plat by orders of the Railroad Commission of Texas.

Date: 04-6-09

GRID
NAD27 TCZ



OXY USA INC.

Plat

University 20-26

Well No. 1

Winkler County, Texas

Scale: 1" = 1000' 04-6-09 tx377_university.dgn
Plat prepared by BHB
for Horizon Survey, Inc.