

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2
Rev. 4/1/83
DBC1297

Type or print only

API No. 42- 003-40687				7. RRC District No. 08	
Oil Well Potential Test, Completion or Recompletion Report, and Log				8. RRC Lease No. 01270	
				9. Well No. 148	
1. FIELD NAME (as per RRC Records or Wildcat) Embar (Permian)		2. LEASE NAME University Andrews		10. County of well site Andrews	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) ConocoPhillips Company		RRC Operator No. 172232		11. Purpose of filing	
4. ADDRESS P.O. Box 51810 Midland, TX 79710-1810				Initial Potential <input checked="" type="checkbox"/>	
5. If Operator has changed within last 60 days, name former operator				Retest <input type="checkbox"/>	
6a. Location (Section, Block, and Survey) Sec 30 Blk 10 UL		6b. Distance and direction to nearest town in this county. 17 miles SW from Andrews, TX		Reclass <input type="checkbox"/>	
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.	
13. Type of electric or other log run CN/GR		14. Completion or recompletion date 11/21/2008		Well record only (explain in Remarks) <input type="checkbox"/>	

SECTION I: POTENTIAL TEST DATA **IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.**

15. Date of test 11/26/2008		16. No. of hours tested 24		17. Production method (Flowing, Gas Lift, Jetting, Pumping-- Size & Type of pump) Flowing		18. Choke Size 64/64	
19. Production during Test Period		Oil - BBLS 21	Gas -- MCF 187	Water - BBLS 138	Gas - Oil Ratio 8904/1	Flowing Tubing Pressure PSI	
20. Calculated 24- Hour Rate		Oil - BBLS	Gas -- MCF	Water -- BBLS	Oil Gravity--API--60° 40.6	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) Approx 100 bbls		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.

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.

ConocoPhillips Company

Signature : Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under 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 or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Alva Franco

Typed or printed name of operator's representative

(432) 688-6906

Telephone: Area Code Number

12/08/2008

Date: mo. day year

Regulatory Specialist

Title of Person

Alva Franco

Signature

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion:					25. Permit to Drill, Plug Back or Deepen				
New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					DATE 08/06/2008 PERMIT NO. 667099				
26. Notice of Intention to Drill this well was filed in Name of					Rule 37				
ConocPhillips Company					Exception				
27. Number of producing wells on this lease in this field (reservoir) including this well					Water Injection				
100					PERMIT NO.				
28. Total number of acres in this lease					Permit				
4223.2					Salt Water Disposal				
29. Date Plug Back, Deepening, WorkOver or Drilling Operations:					PERMIT NO.				
Commenced 10/05/2008 Completed 10/16/2008					Other				
30. Distance to nearest well, Same Lease & Reservoir					PERMIT NO.				
675'									
31. Location of well, relative to nearest lease boundaries of lease on which this well is located					330 Feet From South Line and 4032 Feet from East Line of the University Andrews Lease				
32. Elevation (DF, RKB, RT, GR, ETC.)					33. Was directional survey made other than inclination (Form W-12)?				
3233' GL					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
34. Top of Pay		35. Total Depth		36. P.B. Depth		37. Surface Casing Determined by:		38. Recommendation of T.D.W.R.	
6097'		6725'		6669'		Field <input checked="" type="checkbox"/> Rules		Railroad Commission (Special) <input type="checkbox"/>	
39. Is well multiple completion?		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.		GAS ID or OIL LEASE #		Oil-O Gas-G		WELL #	
No		FIELD & RESERVOIR							
41. Name of Drilling Contractor									
Precision Drilling									
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.		
8 5/8"	24#, J-55	1360'		650 sx Eco/Ext	2 1/4"	Surface	1153		
5 1/2"	15.5#, J-55	6715'		650 sx Sup H	7 7/8"	Surface	1046		
			DV @3788'	750 sx C	7 7/8"		1837		
			tail by	120 sx PP			159		

44. LINER RECORD				
Size	Top	Bottom	Sacks Cement	Screen
				-
				-

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 7/8"	6045'		6097'	6361'
			6366'	6449'
			6465'	6624'

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
Depth Interval	Amount and Kind of Material Used	
6097' - 6624'	3731 G 15% Ferchek; Frac w/58305 G	
-	Silverstem LT R, Sand CRC 20/40	
-		
-		

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
Tubb	5908		
Lower Clearfork	6010'		
Wichita Albany	6385'		

REMARKS

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

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) ConocoPhillips Company	2. RRC Operator No. 172232	3. RRC District No. 08	4. County of Well Site Andrews
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Embar (Permian)	6. API No. 42- 003-40687	7. Drilling Permit No. 667099	
8. Lease Name University Andrews	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 01270	11. Well No. 148

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		10/6/2008					
13. *Drilled hole size		12 1/4					
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		8 5/8					
15. Top of liner (ft)							
16. Setting depth (ft)		1360					
17. Number of centralizers used		8					
18. Hrs. waiting on cement before drill-out		17.75 hrs					
1st Slurry	19. API cement used: No. of sacks ▶	450					
	Class ▶	Econocem					
	Additives ▶	3 % Salt					
2nd Slurry	No. of sacks ▶	200					
	Class ▶	Extendacem					
	Additives ▶	See Remarks					
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶	823.5					
	Height (ft.) ▶	1995					
2nd	Volume (cu.ft.) ▶	330					
	Height (ft.) ▶	762					
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶	1153.5					
	Height (ft.) ▶	2757					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		YES					
22. Remarks Mix and Pump 200sks of Extendacem at 13.5ppg with 3% Bentonite, 2% Calcium Chloride Circulated 40bbbls of Cement back to surface (123 sks)						Sales Order 6223942 Customer Name CONOCO/PHILLIPS COMPANY EBUS Lease UNIVERSITY ANDREWS Well Number 148 Andrews County	

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

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8. Lease Name University Andrews	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 01270	11. Well No. 148

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date						10/15/2008	10/15/2008
13. *Drilled hole size						7 7/8	7 7/8
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)						5 1/2	5 1/2
15. Top of liner (ft)							
16. Setting depth (ft)						3788	6715
17. Number of centralizers used							25
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶					750	100
	Class ▶					INTERFILL C	SUPER H
	Additives ▶					SEE REMARKS	SEE REMARKS
2nd Slurry	No. of sacks ▶					120	550
	Class ▶					PREM. PLUS	SUPER H
	Additives ▶					SEE REMARKS	SEE REMARKS
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶					1837.5	161
	Height (ft.) ▶					10605.86	929.27
2nd	Volume (cu.ft.) ▶					159.6	885.5
	Height (ft.) ▶					921.19	5111.01
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶					1997.1	1046.5
	Height (ft.) ▶					11527.05	6040.28
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?						YES	YES
22. Remarks 1RST STAGE SLURRY SUPER H, ADDITIVES 0.5 % LAP-1, 0.4 % CFR-3, W/O DEFOAMER, 1 LBM SALT, 5 LBM GILSONITE, 0.25 LBM D-AIR 3000, 1 LBM PHENO SEAL, MIXED AT 13.2 # PPG 1RST. STAGE SECOND SLURRY SUPER H, ADDITIVES 0.5 % LAP-1, 0.4 % CFR-3, W/O DEFOAMER, 1 LBM SALT, 5 LBM GILSONITE, 0.25 LBM D-AIR 3000, 1 LBM PHENO SEAL, MIXED AT 13.2 # PPG 2ND. STAGE SLURRY INTERFILL C, ADDITIVES 0.4 % HALAD R-9, 0.1 % ECONOLITE, MIXED AT 11.9 # PPG 2ND. STAGE TAIL SLURRY PREMIUM PLUS, NO ADDITIVES MIXED AT 14.8 # PPG						Sales Order 6227911 CONOCO/PHILLIPS COMPANY EBUS Lease UNIVERSITY ANDREWS Well Number 148 Andrews County	

OVER ►

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-12
DBC1297 (1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District 08
1. FIELD NAME (as per RRC Records or Wildcat) Embar (Permian)	2. LEASE NAME University Andrews	7. RRC Lease Number. (Oil completions only) 01270
3. OPERATOR ConocoPhillips Company		8. Well Number 148
4. ADDRESS P O Box 51810, Midland, Texas 79710		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) Sec. 30, Blk. 10, UL Survey		10. County Andrews

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
216	216	.8	1.40	3.02	3.02
467	251	.6	1.05	2.64	5.66
736	2.69	.6	1.05	2.82	8.48
1005	2.69	.7	1.22	3.28	11.76
1361	3.56	.3	.52	1.85	13.61
1638	2.77	.4	.70	1.94	15.55
1912	2.74	.4	.70	1.92	17.47
2228	3.16	.8	1.40	4.42	21.89
2546	3.18	.9	1.57	4.99	26.88
2865	3.19	1.2	2.01	6.67	33.55
3180	3.15	.9	1.57	4.95	38.50
3491	3.17	.8	1.40	4.44	42.94
3816	3.19	.7	1.22	3.29	46.83
4132	3.16	.6	1.05	3.32	50.15
4631	4.95	.9	1.57	7.77	57.92
5131	5.00	.8	1.40	7.00	64.92

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of _____ feet = 102.34 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line _____ feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Sec. 91-143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.

Scott Wilson
Signature of Authorized Representative
Big Manager
Name of Person and Title (type or print)
Precision Drilling
Name of Company
Telephone: 817 597-4845
Area Code

OPERATOR CERTIFICATION

I declare under penalties prescribed in Sec. 91-143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.

Alva Franco
Signature of Authorized Representative
Alva Franco/Reg. Specialist
Name of Person and Title (type or print)
ConocoPhillips Company
Operator
Telephone: 432 688-6906
Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

RECORD OF INCLINATION (Continued from reverse side)

[illegible]

If additional space is needed, attach separate sheet and check here.

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.