

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

Type or print only

API No 42- 103- 03055				7 RRC District No 8	
Oil Well Potential Test, Completion or Recompletion Report, and Log					
1 WELL NAME (as per RRC Records or Wildcat) Block 31 (Devonian)			2 LEASE NAME Block 31 Unit		8 RRC Lease No 00442
3 OPERATOR'S NAME (Exactly as shown on Form P 5 Organization Report) ARCO Oil & Gas Company			RRC Operator No 029340		9 Well No Z 2
4 ADDRESS P.O. Box 1610, Midland, Texas 79702			10 County of well site Crane		11 Purpose of filling Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only <input checked="" type="checkbox"/> (explain in Remarks)
5 If Operator has changed within last 60 days, name former operator			6a Location (Section, Block, and Survey) Sec. 34 Blk 31, ULS		
6b Distance and direction to nearest town in this county 7 miles NW from Crane					
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			14. Completion or recompletion date		

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

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

RECORD CODIFICATION

AUG 11 1988

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.

Signature Well Tester

Name of Company

RRC Representative

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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.

Elizabeth A. Casbeer

Operations Analyst

Typed or printed name of operator's representative

Title of Person

(915) 688-5570

7 / 1 / 88

Telephone Area Code Number Date mo day year

Signature

OIL & GAS DIV
MIDLAND, TEXAS

Elizabeth A. Casbeer

SECTION II				DATA ON WELL COMPLETION AND LOG (Not Required on Retest)			
24 Type of Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen Rule 37 Exception Water Injection Permit Salt Water Disposal Permit Other		DATE <u>NOV 22</u> PERMIT NO. <u>SR</u> CASE NO. PERMIT NO. PERMIT NO.	
26. Notice of Intention to Drill this well was filed in Name of							
27 Number of producing wells on this lease in this field (reservoir) including this well		28 Total number of acres in this lease					
29 Date Plug Back, Deepening, WorkOver or Drilling Operations:		Commenced	Completed	30 Distance to nearest well, Same Lease & Reservoir			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located				660 Feet From <u>South</u> Line and <u>1980</u> Feet from <u>East</u> Line of the <u>Sec. 34, Blk 31, ULS</u> Lease			
32. Elevation (DF, RKB, RT, GR, ETC) <u>2560' DF</u>				33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No			
34 Top of Pay <u>8073</u>	35 Total Depth <u>10460</u>	36 P. B Depth <u>10340</u>	37 Surface Casing, Determined by: Field <input type="checkbox"/> Rules <input type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter Dt. of Letter
38 Is well multiple completion?	39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No <u>FIELD & RESERVOIR</u>			GAS ID or OIL LEASE #	Oil-O Gas-G	WELL #	40 Intervals Drilled by Rotary Tools Cable Tools
41 Name of Drilling Contractor.							42 Is Cementing Affidavit Attached? <input 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.
<u>13 3/8</u>		<u>360</u>		<u>250</u>			
<u>9 5/8</u>		<u>3451</u>		<u>600</u>			
<u>7</u>		<u>10382</u>		<u>800</u>			

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
<u>2 7/8 & 2 3/8</u>	<u>9025</u>	<u>7988 & 8999</u>	<u>8073</u>	<u>8177</u>
			<u>8532</u>	<u>8868</u>

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
Depth Interval	Amount and Kind of Material Used

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth

REMARKS _____

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

JAMES E. (JIM) NUGENT, Chairman
KENT HANCE, Commissioner
JOHN SHARP, Commissioner



JIM MORROW, P.E.
Director
JERRY W. MULLICAN
Director of Underground
Injection Control

1701 N CONGRESS

CAPITOL STATION — P. O. DRAWER 12967

AUSTIN, TEXAS 78711-2967

April 14, 1988

ARCO OIL & GAS CO.
PO BOX 1610-REVENUE DEPT.
MIDLAND, TX 79702

SECOND REQUEST

Re: FLUID INJECTION IN THE
BLOCK 31 (DEVONIAN) FIELD
BLOCK 31 UNIT (00442) LEASE
WELL NOS. A2, A4A, B1, B1B, B2UG, C1L,
C2; D2, F1F, G2, H2, H4H, K4K, L2,
M3M, N2, N3, P1KC, P1T, P2, P2K,
P4L, P15, Q2, Q4, Q6L, W2, X4G, AND
Z2
CRANE COUNTY, TEXAS

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APR 18 1988

Gentlemen:

As allowed by Statewide Rules 9(e)(1) and 46(d)(1), the Commission has initiated a program to review all disposal/injection permits issued prior to April 1, 1982, which was the effective date of the latest amendments to Rules 9 and 46. The reviews will focus on compliance with current standards in regard to usable-quality water protection and injection fluid confinement.

In conjunction with this program, a letter dated February 11, 1988 was mailed to your address requesting a current Form W-2 on the above mentioned wells. Commission records indicate no response to the original request. A current W-2 must be filed showing wellbore construction and completed interval. Please submit these forms as follows:

1. File the original forms and one copy with the appropriate district office.
2. Mail one copy of each form to the attention of Gil Bujano.

Failure to comply with this request within thirty (30) days will result in enforcement action. If you have any questions or feel you have received this letter in error please contact Gil Bujano at (512) 463-6767.

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R.R.C. OF TEXAS

JUL 14 1988

OIL & GAS DIV
MIDLAND, TEXAS

Sincerely yours,

For *for* *Jerry W. Mullican*

Jerry W. Mullican
Director of Underground
Injection Control

JWM/GB/sk

cc: RRC - Midland

8-00442