

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 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	
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	
				11 Purpose of filing Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only <input checked="" type="checkbox"/> (explain in Remarks)	

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

RECORD CODIFICATION

AUG 11 1988

Requested by UIC

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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JUL 14 1988

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
4/82

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24 Type of Completion: New Well Deepening Plug Back Other

25. Permit to Drill, Plug Back or Deepen DATE NO DR PERMIT NO. CASE 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 South Line and 1980 Feet from East Line of the Sec. 34, Blk 31, ULS Lease

32. Elevation (DF, RKB, RT, GR, ETC) 2560' DF 33. Was directional survey made other than inclination (Form W-12)? Yes No

34 Top of Pay 8073 35 Total Depth 10460 36 P. B Depth 10340 37 Surface Casing, Determined by: Field Rules Recommendation of T.D.W.R Railroad Commission (Special) 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 FIELD & RESERVOIR 40 Intervals Drilled by Rotary Tools Cable Tools

41 Name of Drilling Contractor. 42 Is Cementing Affidavit Attached? Yes 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		360		250			
9 5/8		3451		600			
7		10382		800			

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 & 2 3/8	9025	7988 & 8999	8073	8177
			8532	8868

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

Austin

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

RECEIVED
R.R.C. OF TEXAS
APR 18 1988

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

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.

RECEIVED
R.R.C. OF TEXAS

JUL 14 1988

OIL & GAS DIV
MIDLAND, TEXAS

Sincerely yours,

Jerry W. Mullican

for Jerry W. Mullican
Director of Underground
Injection Control

JWM/GB/sk

cc: RRC - Midland

8-00442