

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
NM-4681

1a. TYPE OF WELL *Bofm*
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

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OCT 27 '87

2. Name of Operator
ARCO Oil & Gas Company

3. Address of Operator
Box 1610, Midland, Tx 79702

4. Location of Well
UNIT LETTER C LOCATED 400 FEET FROM THE North LINE AND 2250 FEET FROM THE West LINE OF SEC. 2 TWP. 19S RGE. 30E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
State "2"

9. Well No.
2

10. Field and Pool, or Wildcat
Shugart-Yts, 7R, G, GB

12. County
Eddy

15. Date Spudded 9-12-87 16. Date T.D. Reached 9-23-87 17. Date Compl. (Ready to Prod.) 10-22-87 18. Elevations (DF, RKB, RT, GR, etc.) 3523.7 GR 19. Elev. Casinghead

20. Total Depth 3860 21. Plug Back T.D. 3776 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-3860 Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
3144-3156 Queen

25. Was Directional Survey Made
NO

26. Type Electric and Other Logs Run
DLL, SDDSNL

27. Was Well Cored
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	636	12 1/4	450 SX - Circ Cmt	
5 1/2	15.5	3860	7 7/8	1250 SX - Circ Cmt	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3095	

31. Perforation Record (Interval, size and number)
3256-3260
3144-3156

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3256-3260	A w/1200 gals. Set CIBPat 3246
3144-3156	A w/1200 gals. Frac w/1000 gals. & 7000 #sd.

33. PRODUCTION

Date First Production 10-14-87 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing

Date of Test 10-25-87 Hours Tested 24 Choke Size Prod'n. For Test Period Oil - Bbl. 47 Gas - MCF 42 Water - Bbl. 23 Gas - Oil Ratio 894

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. 47 Gas - MCF 42 Water - Bbl. 23 Oil Gravity - API (Corr.) 38.5

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By

35. List of Attachments
Logs, Inclination record

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Ken W. Gosnell TITLE Engr. Tech. 915 688-5672 DATE 10-26-87

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ <u>2042</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ <u>2320</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <u>3018</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ <u>3256</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ <u>3680</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	412	412	Red bed				
412	636	224	Redbed & anhy				
636	743	107	Salt				
743	1888	1145	Salt & anhy				
1888	2265	377	anhy				
2265	2520	255	anhy & lime				
2520	2603	83	anhy				
2603	2862	259	anhy & Dolo				
2862	2941	79	Dolo				
2941	3124	183	Dolo & anhy				
3124	3402	278	Dolo				
3402	3475	73	anhy & Dolo				
3475	3642	167	Dolo				
3642	3798	156	anhy & Dolo				
3798	3860	62	Dolo				

ARTESIA FISHING TOOL COMPANY

P. O. BOX ~~844~~ 470 PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

RECEIVED

OCT 27 '87

O. C. D.
ARTESIA, OFFICE

September 29, 1987

ARCO Oil and Gas Co.
PO Box 1610
Midland, TX 79702

Re: State "2" No. 2
400' FNL & 2250' FWL
Sec. 2, T19S, R30E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
272'	3/4°
476'	1°
743'	3/4°
994'	3/4°
1366'	1 1/4°
1864'	1°
2020'	1 1/2°
2396'	1 1/4°
2890'	1 1/2°
3393'	1 3/4°
3860'	1°

Very truly yours,



B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 29th day of September, 1987.


NOTARY PUBLIC