

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

OCT 9 '90

WELL API NO.
30-015-26463

5. Indicate Type of Lease
STATE ☒ FEE ☐

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG D.

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ ARTESIA, OFFICE

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER _____

2. Name of Operator
ARCO OIL AND GAS COMPANY

3. Address of Operator
P. O. Box 1610, Midland, Texas 79702

4. Well Location
Unit Letter M: 660 Feet From The South Line and 330 Feet From The West Line
Section 2 Township 19S Range 30E NMPM Eddy County

7. Lease Name or Unit Agreement Name
State "2"

8. Well No.
5

9. Pool name or Wildcat
Shugart Yts SRQ GB

10. Date Spudded 9-11-90 11. Date T.D. Reached 9-18-90 12. Date Compl. (Ready to Prod.) 9-28-90 13. Elevations (DF & RKB, RT, GR, etc.) 3409 GR 3420.6 KB 14. Elev. Casinghead

15. Total Depth 3200 16. Plug Back T.D. 3154 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools
x

19. Producing interval(s), of this completion - Top, Bottom, Name 2899-2929 Queen 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run DLL-MSFL-GR FDC-CNL-GR 22. Was Well Cored NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	685	17 1/2	750 sx C + 360 sx	"C" top job
8 5/8	24	1855	12 1/4	800 sx C - Circ	
5 1/2	15.5	3200	7 7/8	550 sx C - Circ	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	2858
						2857

26. Perforation record (interval, size, and number)
2899-2929 46 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
2899-2929 A w/2000 gals. Frac w/
25,000 gals & 63,000#sd.

28. PRODUCTION

Date First Production 9-29-90 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-4-90	24	15/64		82	378	37	4610

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
500	pkr		82	378	37	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold Test Witnessed By

30. List Attachments
Logs, Inclination Record

31. 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

Signature Ken W. Gosnell Printed Name Ken W. Gosnell Title Engr. Tech. Date 10/5/90

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 25 through 29 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

Southwestern 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 _____ 2110	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2286	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2887	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	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. 2, from.....to.....
No. 3, from.....to.....
No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	130		Surface				
130	483		Red Bed				
483	685		Anhy				
685	1855		Salt & Anhy				
1855	2884		Anhy				
2884	3003		Anhy & salt				
3003	3140		Anhy & Dolo				
3140	3200		Dolo				

WELL NAME AND NUMBER State "2" #5

RECEIVED

LOCATION Unit Letter L. Sec. 2-19S-30E, Eddy Co.

~~OCT 9 '90~~

OPERATOR ARCO Oil & Gas Company

G. C. D.

DRILLING CONTRACTOR Tinsley & Son Drlg. Co.

ARTESIA, OFFICE

The undersigned hereby certifies that he is an authorized representative of ARCO Oil & Gas Company and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1 1/4 296</u>	<u> </u>	<u> </u>
<u>1 3/4 949</u>	<u> </u>	<u> </u>
<u>3/4 1450</u>	<u> </u>	<u> </u>
<u>1/2 1855</u>	<u> </u>	<u> </u>
<u>3/4 2432</u>	<u> </u>	<u> </u>
<u>1 2809</u>	<u> </u>	<u> </u>
<u>1/4 3200</u>	<u> </u>	<u> </u>
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BY Ken W. Gosnell
Ken W. Gosnell - Regulatory Coordinator

Subscribed and sworn to before me this 5th day of October, 19 90

My Commission expires:

June 6, 1992

Lisa A. Gordy
Notary Public Lisa Gordy
Midland County, Texas

