

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATION	

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

E-1447

7. Unit Agreement Name

8. Farm or Lease Name

State Vacuum Unit

9. Well No.

22

10. Field and Pool, or Wildcat

Vacuum Grayburg SA

12. County

Lea

10. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

2. Name of Operator

ARCO Oil and Gas Company
Division of Atlantic Richfield Company

3. Address of Operator

P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER F LOCATED 2500 FEET FROM THE North LINE AND 1575 FEET FROM4. West LINE OF SEC. 32 TWP. 17S RGE. 34E NMPM

15. Date Spudded

11/5/82

16. Date T.D. Reached

11/16/82

17. Date Compl. (Ready to Prod.)

2/2/83

18. Elevations (DF, RKB, RT, GR, etc.)

4064.30' GR

19. Elev. Casinghead

20. Total Depth

4845'

21. Plug Back T.D.

4770'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0 - 4845'

24. Producing interval(s), of this completion - Top, Bottom, Name

4721-23' & 4611-4665' Grayburg San Andres

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-DLL, Micro Laterolog w/RXO, GR-CNL/CDL w/Caliper, CBL & Noise Log

27. Was Well Cored

Yes

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	Cond Pipe	31'	17 1/4"	4 yds Redi-mix	Circ to surf
8-5/8" OD	24# K-55	1555'	11"	550 sx	None
5 1/2" OD	15.5# K-55	4845'	7-7/8"	1540 sx	None

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	4736'

31. Perforation Record (interval, size and number)

4721-4723' = 4 .50" holes

4611-4665' = 32 .50" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3750'	Sqzd w/150 sx Cl C w/15#/sk salt & .3% Halad 9, 50 sx Cl H w/3/4 of 1% CFR-2 & 1/2 of 1% Halad-9.
	(cont'd on attached sheet)

PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1/7/83		Pumping - 2" x 1 1/2" x 12' rod				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/8/83	24	-		189	15	23	79:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-		189	15	23	37.0°	

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

Sold

Test witnessed by

E. E. Erwin

35. List of Attachments

Logs as listed in Items 26 above, Core Records & Inclination Report.

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

E. E. Erwin

TITLE

Drig. Engr.

DATE 2/9/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division of Oil and Gas, after the completion of any newly drilled or deepened well. It shall be completed for every well electrically logged and for every well drilled, including drill stem tests. All data reported shall be measured by the well owner or his representative. The multiple completion Form No. 24 shall be reported for each completion in a well, where it is required by State Law.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Southwestern New Mexico

T. Anhy	1505'	T. Canyon	T. O'Connell	T. Permian B
T. Salt	1646'	T. Canyon	T. Kincaid	T. Permian C
B. Salt	2652'	T. Canyon	T. Kincaid	T. Permian D
T. Yates	2804'	T. Canyon	T. Kincaid	T. Permian E
T. 7 Rivers		T. Canyon	T. Kincaid	T. Permian F
T. Queen	3518'	T. Canyon	T. Kincaid	T. Permian G
T. Grayburg	4168'	T. Canyon	T. Kincaid	T. Permian H
T. San Andres	4530'	T. Canyon	T. Kincaid	T. Permian I
T. Glorieta		T. Canyon	T. Kincaid	T. Permian J
T. Faddock		T. Canyon	T. Kincaid	T. Permian K
T. Blinberry		T. Canyon	T. Kincaid	T. Permian L
T. Tubb		T. Canyon	T. Kincaid	T. Permian M
T. Drinkard		T. Canyon	T. Kincaid	T. Permian N
T. Abo		T. Canyon	T. Kincaid	T. Permian O
T. Wolfcamp		T. Canyon	T. Kincaid	T. Permian P
T. Penn		T. Canyon	T. Kincaid	T. Permian Q
T. Cisco (Bough C)		T. Canyon	T. Kincaid	T. Permian R

OIL OR GAS SANDS (If any)

No. 1, from	4721'	to	4723'	No. 4, from		to	
No. 2, from	4611'	to	4625'	No. 5, from		to	
No. 3, from		to		No. 6, from		to	

IMPORTANT WATER RECORDS

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

No. 1, from	3750'	to	Surface	ect.	Water to surface 150 BPD
No. 2, from		to		ect.	
No. 3, from		to		ect.	
No. 4, from		to		ect.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in feet	Formation	From	To	Thickness in feet	Formation
0	30	30	Surface	3621	3630	58	Salt & Anhy.
30	40	10	Anhydrite	3774	3783	57	Salt & Lime
40	771	731	Surf Rock	3936	3945	64	Lime & Dolo
771	1370	599	Red Bed & Anhy	4100	4145	45	Potash, Dolo & Salt
1370	1490	120	Anhy	4245	4260	55	Dolo
1490	1554	64	Red Bed & Anhy	4300	4317	57	Lime
1554	1591	37	Anhy	4357	4386	29	Dolo & Potash
1591	2349	758	Anhy & Salt	4486	4495	59	Dolo, Lime & Salt
2349	2645	296	Anhy, Salt, Red Bed & Lime				
2645	2845	200	Salt & Anhy				
2845	3027	182	Lime & Sand				
3027	3250	223	Salt, Sd, Lime, Anhy				
3250	3458	208	Lime				
3458	3621	163	Lime, Sd				

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