

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

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

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

WELL API NO.

30-015-01690

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: ☒ OIL WELL

☐ GAS WELL

☐ DRY

☐ OTHER

b. Type of Completion:

☐ NEW WELL

☐ WORK OVER

☐ DEEPEN

☐ PLUG BACK

☐ DIFF RESVR

☐ OTHER DH Commingle

2. Name of Operator

ARCO Permian

7. Lease Name or Unit Agreement Name

Washington 33 State

8. Well No.

25

3. Address of Operator

P.O. Box 1089 Eunice, NM 88231

9. Pool name or Wildcat

Artesia Glorietta Yeso

4. Well Location

Unit Letter N : 660 Feet From The S Line and 1980 Feet From The W Line

Section 33

Township 17S

Range 28E

NMPM

Eddy

County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl.(Ready to Prod.)

04/22/99

13. Elevations(DF & RKB, RT, GR, etc.)

3668' GL

14. Elev. Casinghead

15. Total Depth

6355

16. Plug Back T.D.

6081

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

2452-3008' San Andres, 3770-4111' Yeso, 1502-2188' Shallow Sands

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

None

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 FILLED
8-5/8	24	1000	12-1/4	surf	
5-1/2	9.5	6355	7-7/8	surf	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	4294	

26. Perforation record (interval, size, and number)

3776-4111', 37 holes

1502-2188', 33 holes

27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

3776-4111'

See attached detail

1502-2188'

See attached detail

28. PRODUCTION

Date First Production

04/22/99

Production Method (Flowing, gas lift, pumping - Size and type pump)

pumping

Well Status (Prod. or Shut-in)

producing

Date of Test

04/23/99

Hours Tested

24

Choke Size

Prod'n For Test Period

Oil - Bbl.

10

Gas - MCF

36

Water - Bbl.

137

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API (Corr.)

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

sold

Test Witnessed By

30. List Attachments

none

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

Kellie D. Murrish

Printed Name

Kellie D. Murrish

Title

Admin. Asst.

Date

05/02/99

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

Southeastern New Mexico

Northeastern 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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	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. Permain _____	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.....tofeet

No. 2, from.....tofeet

No. 3, from.....tofeet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

04/13/99: PPI Yeso 4111-3770' w/2 bbls/perf 15% HCL acid, 2000 gals. Pkr set @ 3711'. Pmp 10 bbls 15% HCL acid and flush. Max press 3000#, Min 200#, Avg 2300#, ISIP 1237#, 15 mins. 950#

04/15/99: Frac down 2-7/8" tbg (4111-3770') w/8000 gals Viking 25 Linear gel. Pmp 29,000 gals 10# Linear gel carrying 39,126# 20/40 mesh brown sand. Pmp 860 gals 10# Linear Gel, flush tbg. ISIP 1347#, force closure ½ BPM @ 1130#. FM closed 877#, 20 mins.

04/17/99: PPI acidize 1502-2188' w/2 bbls/perf 15% HCL acid. Set pkr @ 1423'. Acidize w/24 bbls 15% HCL acid and flush. Max press 3500#, min 1180#, avg 2100# @ 2 BPM.

04/20/99: Pmp 80 gals 25% Viking gel followed by 36,000 gals 10# Linear gel carrying 79,000# 20/40 mesh brown brady sand and 2000 gals 10# Linear gell carrying 21,000# resin coated sand 20/40 mesh. Flush 980 gals 10# Linear Gell. Max press 2660#, min 1207#, avg 2350#, AIR 55 BPM. ISIP 1207#. Forced closure @ 1083# in 7 mins.