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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-1816
7. Unit Agreement Name
8. Farm or Lease Name GALLAGER STATE
9. Well No. 1
10. Field and Pool, or Wildcat Vacuum Lower Wolfcamp, N.
12. County LEA

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
PENNZOIL COMPANY

3. Address of Operator
P. O. DRAWER 1828, MIDLAND, TEXAS 79702

4. Location of Well
UNIT LETTER A 660 FEET FROM THE NORTH LINE AND 660 FEET FROM THE EAST LINE, SECTION 3 TOWNSHIP 17-S RANGE 34-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
4061 (GR)

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

8/10/81 RU UNIT. POOH W/TBG & RODS. RAN RBP ON TBG. SET PLUG AT 1884'. POOH W/ TBG. DUMPED SAND ON RBP. PERF 4 HOLES @ 1750'. PUMPED WTR Down 4-1/2" CSG To ESTABLISH CIRCULATION BETWEEN 4-1/2" X 8-5/8" ANNULUS AT SURF.

8/11/81 CMT'D DOWN 4-1/2" W/400 SX HLW W/3% C.C. FOLLOWED BY 100 SX CLASS C. CIRCULATED APPROX. 100 SX CMT TO PIT. DISPLACED W/WTR.

8/12/81 INSTALLED BOP. SD FOR WEATHER.

8/13/81 DRILLED OUT CMT & TESTED CSG TO 1000# FOR 30 MIN. HELD OK. RECOVERED RBP.

8/14/81 RAN TBG AND N.D. BOP.

8/15/81 RAN RODS & HUNG WELL BACK ON PUMP. RD. UNIT.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Jess Dulling TITLE OPERATIONS ENGR. DATE 8/17/81

APPROVED BY [Signature] TITLE DATE AUG 19 1981

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 1-1-65

DATE OF LEASE **0-2-66**
Type of Lease ☒ **Oil** ☐ **Gas** ☐ **Fee**
State ☒ **NM** ☐ **OK**
Oil & Gas Lease No. **E-1816**

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name -											
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Gallagher-State											
2. Name of Operator PENNZOIL COMPANY		9. Well No. 1											
3. Address of Operator 1007 Midland Savings Building, Midland, Texas		10. Field and Pool, or Wildcat Wildcat											
4. Location of Well UNIT LETTER A LOCATED 660 FEET FROM THE north LINE AND 650 FEET FROM THE east LINE OF SEC. 3 TWP. 17-S RGE. 34-E NMPM		12. County Lea											
15. Date Spudded Nov 23, 1966	16. Date T.D. Reached Jan 5, 1967	17. Date Compl. (Ready to Prod.) Jan 13, 1967	18. Elevations (DF, RKB, RT, GR, etc.) 4077' RKB										
19. Elev. Casinghead 4061		20. Total Depth 10,997'											
21. Plug Back T.D. 10,931'		22. If Multiple Compl., How Many -											
23. Intervals Drilled By Rotary Tools		Cable Tools 0 to TD											
24. Producing Interval(s), of this completion - Top, Bottom, Name 10,689 to 10,699'			25. Was Directional Survey Made No										
26. Type Electric and Other Logs Run Schlumberger Gamma Ray-Sonic, Laterolog, Microlaterolog			27. Was Well Cored No										
28. CASING RECORD (Report all strings set in well)													
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE										
13-3/8"	48	379	17 1/2										
8-5/8"	24 & 32	3324	11										
4-1/2	11.6 & 13.5	10,997	7-7/8										
CEMENTING RECORD		AMOUNT PULLED											
310 Sx		None											
345 Sx		"											
975 Sx		"											
29. LINER RECORD													
SIZE	TOP	BOTTOM	SACKS CEMENT										
None Set													
30. TUBING RECORD		PACKER SET											
SIZE	DEPTH SET	10,472'											
2-3/8	10,723'	EUE											
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
Two holes at each of following depths: 10,689-10,693-10,697-10,699		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10,689-10,699</td> <td>500 Gal. Mud Acid</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10,689-10,699	500 Gal. Mud Acid						
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED												
10,689-10,699	500 Gal. Mud Acid												
33. PRODUCTION													
Date First Production Jan 13, 1967	Production Method (Flowing, gas lift, pumping - Size and type pump) Flow		Well Status (Prod. or Shut-in) Prod.										
Date of Test Jan 14, 1967	Hours Tested 24	Choke Size 16/64"	Prod'n. For Test Period 391										
Flow Tubing Press. 1200	Casing Pressure Pkr	Calculated 24-Hour Rate 391	Oil - Bbl. 771										
Gas - MCF 0		Water - Bbl. 0											
Oil Gravity - API (Corr.) 44		Gas - Oil Ratio 1974											
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented			Test Witnessed By C. H. Lemley										
35. List of Attachments Form C-104, C-126, Well Deviation Record, Logs, DST Data													
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 Charles G. Brown		TITLE Production Manager											
DATE Jan 18, 1967													

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 1640	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1750	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 2735	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2855	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3850	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4520	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta 6170	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb 7360	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo 8020	T. Bone Springs	T. Wingate	T.
T. Wolfcamp 8610	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	100	100	Surface Sand & Caliche				
100	1640	1540	Sand & Shale				
1640	1750	110	Anhydrite				
1750	2735	985	Salt & Anhydrite				
2735	4520	1785	Sand, Anhydrite & Dolc.				
4520	6170	1650	Dolomite & Lime				
6170	7360	1190	Dolomite w/Sd Strgs				
7360	8020	660	Dolomite w/Sd Strgs				
8020	8610	590	Dolomite & Shale				
8610	10997	2287	Limestone, chert & Shale Strgs				