

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

WELL API NO. 30-015 28800

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 _____

2. Name of Operator
Penwell Energy, Inc. (915) 683-2534

3. Address of Operator
600 N. Marienfeld, Ste. 1100, Midland, Texas 79701

4. Well Location
Unit Letter C : 1980 Feet From The West Line and 660 Feet From The North Line
Section 28 Township 23S Range 26E NMPM Eddy County

7. Lease Name or Unit Agreement Name
H, "28" State

8. Well No. 1

9. Well name or Wildcat
FRONTIER HILLS
Carlsbad South Strawn (Proc)

10. Date Spudded 8-13-96 11. Date T.D. Reached 10-12-96 12. Date Compl. (Ready to Prod.) 11-8-96 13. Elevations (DF& RKB, RT, GR, etc.) 3336 GR 14. Elev. Casinghead

15. Total Depth 11,985' 16. Plug Back T.D. 11,800' 17. If Multiple Compl. How Many Zones? 2 18. Intervals Drilled By Rotary Tools 0-11,985 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
10,182 - 10,380 Strawn

20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run
DLL, Platform Exp, DNGR, BHC/S/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#	610'	17 1/2"	1120 sx C1, C	
9 5/8"	36#	1703.89'	12 1/4"	740sx C1, C - TOC	60'
7"	23.26#	10627'	8 3/4"	1720sx H & C Circ.	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4 1/2"	10,561	11,983	200sx		2 3/8"	10,037, 59 10,049

26. Perforation record (interval, size, and number)
10,182 - 10,380 (19 holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
None

PRODUCTION

28. Date First Production 12-28-96 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

Date of Test 1-16-97	Hours Tested 24	Choke Size 15/64"	Prod'n For Test Period	Oil - Bbl. 39	Gas - MCF 3.885	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. 2350	Casing Pressure -	Calculated 24-Hour Rate	Oil - Bbl. 39	Gas - MCF 2.885	Water - Bbl. 0	Oil Gravity - API - (Corr.)	

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

30. List Attachments
Logs, Deviation report

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 Brenda Coffman Printed Name Brenda Coffman Title Prod. Analyst Date 2-11-97

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

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____
 T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand 1850'
 T. Bone Springs 5143'
 T. Wolfcamp 8692'
 T. Strawn 10174'
 T. Atoka 10650'
 T. Morrow 11100'
 Barnett 11815'

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____
 T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 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	610	610	Surface rock	10583	10627	44	lime & shale
610	675	675	Salt & Anhy	10627	10750	123	lime
1285	1700	415	lime	10750	10874	124	lime & shale
1700	2440	740	lime & sand	10874	11094	220	lime
2440	3631	1191	sand & shale	11094	11364	270	chert
3631	5000	1369	sand	11364	11448	84	sand & lime
5000	5740	740	lime	11448	11607	159	sand & lime
5740	6280	540	shale, lime, sand	11607	11717	110	lime & shale
6280	7220	940	shale & lime	11717	11863	146	lime, sand, & shale
7220	7678	458	sand & lime	11863	11985	122	shale
7678	8075	397	lime				
8075	8400	325	sand, lime, shale				
8400	9295	895	lime shale				
9295	9890	595	shale, lime				
9890	9935	45	shale, sand				
9935	10100	165	shale & lime				
10100	10302	202	lime				
10302	10399	97	lime, shale				
10399	10583	184	lime				