

UNITED STATES Oil Cons. DIV-Dist. 2
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1501 Main Grand Avenue
Alamosa, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM-1119551a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator

Mewbourne Oil Company 14744

3. Address

PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)

505-393-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660' FNL & 820' FEL, Unit A

At top prod. interval reported below same

At total depth same

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JAN 12 2005

OOD-ARTESIA

34328

8. Lease Name and Well No.

Penlon 28 Federal Com #1

9. API Well No.

30-015-33658

10. Field and Pool, or Exploratory

Morrow

11. Sec., T., R., M., on Block and Survey
or Area Sec 28-T20S-R27E

12. County or Parish

Eddy County

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

3256' GL

14. Date Spudded

09/18/04

15. Date T.D. Reached

10/12/04

16. Date Completed

☐ D&A☒ Ready to Prod.18. Total Depth: MD 11100'
TVD19. Plug Back T.D.: MD 10910'
TVD20. Depth Bridge Plug Set: MD NA
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	10690'	10670'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	10932'	10968'	17	0.24	37	Set CIBP
B) Morrow	10786'	10872'	36	0.24	76	open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10786'-10872'	Frac with 2000 gals 7 1/2% acid and 29,000 gals 40# 70Q Binary Foam with 25,522# 18/40 Versa-Flop

ACCEPTED FOR RECORD

JAN 10 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/19/04	11/20/04	24	→	0	307	7	NA	0.584	closed
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64	533	0	→	0	307	7	307000	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/26/04	01/04/05	24	→	0	234	0	NA	0.584	open
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
24/64	469	24	→	0	234	0	234000	Producing	

(See instructions and spaces for additional data on next page)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

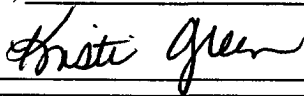
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Capitan Reef	1376				
Delaware	2280				
Bone Spring	4079				
Wolfcamp	8392				
Canyon	9126				
Strawn	9696				
Atoka	10150				
Morrow	10654				
Barnett	10968				
TD	11100				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4 Directional Survey
 5 Sundry Notice for plugging and cement verification 6 Core Analysis 7 Other: C104

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Kristi Green Title Hobbs RegulatorySignature  Date 01/06/05

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

30-015-33658

State of New Mexico
Energy Minerals and Natural Resources
2049
Santa Fe, NM 87505

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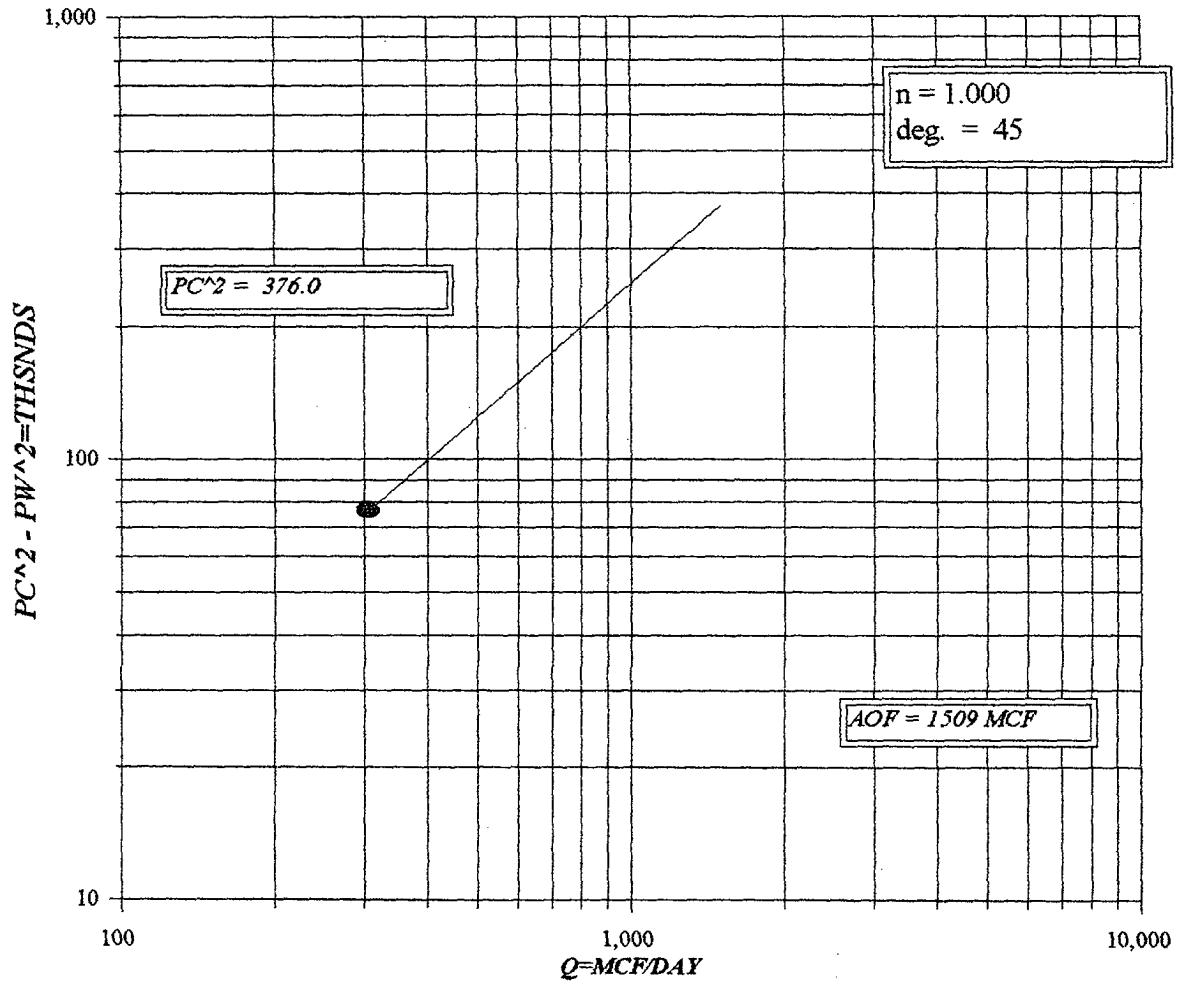
Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator MEWBOURNE OIL COMPANY				Lease or Unit Name PENLON 28 FED. COM					
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1/5/2005		Well No. 1	
Completion Date 11/19/2004		Total Depth 11100		Plug Back TD 10910		Elevation 3256		Unit Ltr - Sec - TWP - Rge A 28 20 S 27 E	
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 11100	Perforations: From: 10932 To: 10968				County EDDY	
Tbg. Size 2 7/8	Wt. 6.5	d 2.44	Set At 10690	Perforations: From: To:				Pool	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 10670				Formation MORROW	
Producing Thru TUBING		Reservoir Temp. 181		Mean Annual Temp. 60		Baro. Press.-P _a 13.2		Connection SALES	
L 10690	H 10690	Gg 0.62	%CO ₂ 1.285	%N ₂ N/A	%H ₂ S N/A	Prover N/A	Meter Run 3	Taps FLG	
FLOW DATA				TUBING DATA				CASING DATA	
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp.	Press p.s.i.g.	Temp.	Press p.s.i.g.	Temp.
SI		3.0 1.0				600			
1	TOTAL FLOW		525.09	4.6	88	533			24 HRS
2									24 HRS
3									
4									
5									
RATE OF FLOW CALCULATIONS									
No.	COEFFICIENT (24 Hour)		$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}		Rate of Flow Q, Mcfd
1	6.4								307
2									
3	TOTAL		FLOW	METER					
4									
5									
No.	P _r	Temp. R	T _r	Z	Gas Liquid Hydrocarbon Ratio A.P. I. Gravity of Liquid Hydrocarbons Specific Gravity Separator Gas Specific Gravity Flowing Fluid Critical Pressure Critical Temperature				
1					DRY GAS DRY 0.621 XXXXXX 675 P.S.I.A. N/A P.S.I.A. 364 R. N/A R				
2	TOTAL	FLOW	METER		Mcf bbl. Deg. XXXXXX N/A				
3									
4									
5									
P _c 613.2 P _{c2} 376									
No.	P _t ²	P _w	P _w ²	P _c ² -P _w ²	(1) $P_c^2 = \frac{4.914}{P_c^2 - P_w^2}$ (2) $\left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n = 4.914$				
1		547.3	299.5	76.5					
2									
3									
4									
5					AOF = Q $\left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n = 1.509$				
Absolute Open Flow 2 Mcfd @ 15.025					Angle of Slope (°): 45		Slope, n: 1		
Remarks:									
Approved By Division:			Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM		

MEWBOURNE OIL COMPANY

PENLON 28 FED. COM. # 1



FORM C122-D