Form 3160-4
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM-89880

1a. 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

7. Unit or CA Agreement Name and No.
32676

2. Name of Operator
Mewbourne Oil Company 14744

8. Lease Name and Well No.
Tamano 10 Federal Com #1

3. Address
PO Box 5270 Hobbs, NM 88240

3a. Phone No. *(include area code)*
505-393-5905

9. API Well No.
30-015-32926 S1

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

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At surface 1980' FSL & 1650' FWL, Unit Letter K

At top prod. interval reported below same

At total depth same

10. Field and Pool, or Exploratory
Undes Shugart Morrow North

11. Sec., T., R., M., on Block and Survey or Area
Sec 10-T18S-R31E

12. County or Parish
Eddy County

13. State
NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
11/24/03	01/02/04	☐ D&A ☑ Ready to Prod.	3709' GL

18. Total Depth: MD 12150' TVD	19. Plug Back T.D.: MD 12088' TVD	20. Depth Bridge Plug Set: MD NA TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DLL w/Micro, DN w/GR & CBL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 H40	48	0	774		650 C	205	Surface	NA
12 1/4	9 5/8 HCK	40	0	4510		1610 C	298	Surface	NA
8 3/4	5 1/2 P110	17	0	12150	8915	1st-875-H	226	8915	NA
						2nd 950-H	310	3770	NA

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	11709	11683						

25. Producing Intervals

Formation	TOP	Bottom
A) Morrow	11812	11874
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
33'	0.24"	66	

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

Depth Interval	Amount and Type of Material
11812'-11874'	Frac with 49,000 gals 40# 70Q Binary foam carrying 50,000# 20/40 Interprop

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
01/15/04	01/29/04	24	→	2	438	0	50	0.666	Flowing

Choke Size	Tbg. Press. Flgw. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
48/64	675	0	→	2	438	0	219000	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
			→						

Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD
FEB 17 2004
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

(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	Thg 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
Rustler	693				
Yates	2109				
Queen	3287				
Penrose	3529				
San Andres	4027				
Delaware	4532				
Bone Spring	5426				
Wolfcamp	9387				
Strawn	10886				
Atoka Shale	11208				
Morrow	11691				
Barnett	11991				
Chester	12038				
TD	12150				

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: Deviation Report and 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)* NM Young Title Hobbs District Manger

Signature Date 02/11/04

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.

OPERATOR: MEWBOURNE OIL CO. 045-0014
WELL/LEASE: TAMANO 10 FED. COM. 1
COUNTY: EDDY

STATE OF NEW MEXICO
DEVIATION REPORT

236	1/2	7,280	1
485	1 1/4	7,440	2 1/2
735	1 1/2	7,695	1 3/4
1,031	1 1/4	8,101	2 3/4
1,288	1	8,333	2 1/4
1,543	1	8,589	1 3/4
1,800	1	8,843	2
2,057	1/2	9,100	2
2,313	1	9,356	2
2,570	1/2	9,613	2
2,824	1/2	9,866	1 1/2
3,081	3/4	10,130	1
3,336	3/4	10,374	1
3,591	3/4	10,625	1 3/4
3,848	1/2	10,878	1
4,134	1	11,135	1
4,515	1 1/2	11,387	1 1/4
4,749	1 3/4	11,769	1 1/4
5,006	1 1/4	11,900	1 3/4
5,262	1	12,150	2 1/4
5,521	1/2		
5,777	1 1/2		
6,033	2 3/4		
6,130	2 1/4		
6,227	3		
6,322	2		
6,418	2		
6,514	3/4		
6,870	3/4		
7,025	1 1/4		

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By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 12th day of January, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

JONI D. HODGES
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 4-8-2007

Schlumberger

TESTING SERVICES REPORT

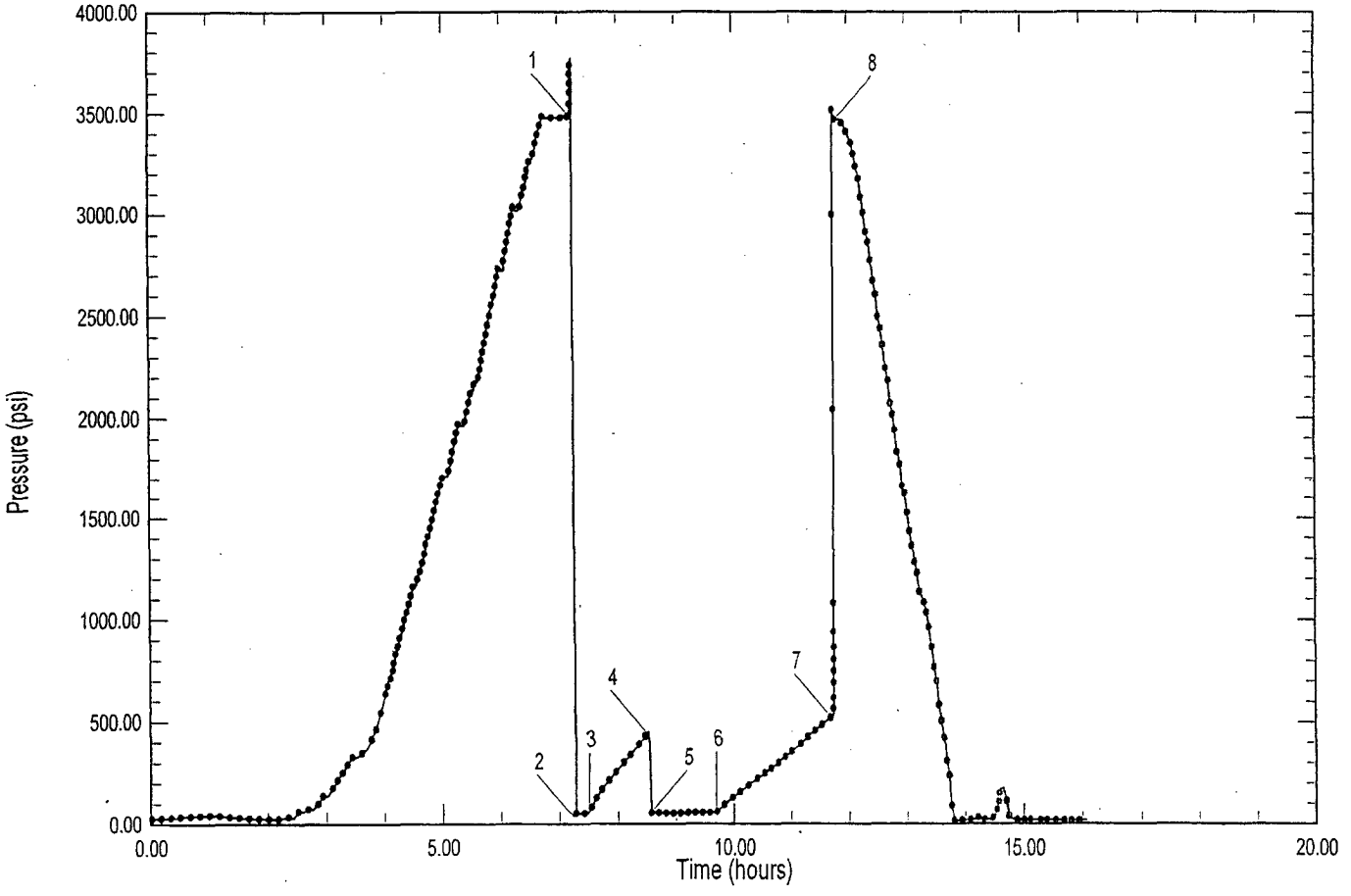
Report Number

Test Date
December 14. 2003

Report Date
14-Dec-03

Mewbourne Oil Company

Openhole DST
Tomano 10 Fed. Com. - 1
Undesignated. Shugart, Morrow
Rig : Patterson 45
Eddy - New Mexico



Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

Hobbs Testing 505-393-4107

Schlumberger

Job Summary
Mewbourne Oil Company
Openhole DST

Tomano 10 Fed. Com. 1
Undesignated. Shugart, Morrow

Service Order Number : 10704437
Test Date : December 14. 2003

Company Rep	Jimmy Lake	SWS Rep	Kirk Beasley

Test Information

Test Number	One	Formation	Bone Springs
		Interval (MD ft)	7927 - 8102

Well Location

Well	Tomano 10 Fed. Com. 1	Rig	Patterson 45
Field	Undesignated. Shugart, Morrow	State	Eddy - New Mexico

Wellbore Configuration

		Cushion	None
Total Depth (MD/TVD ft)	8102	Wellbore Radius (ft)	8.75
Casing / Liner ID (in)	9.625	Mud Weight (lb/gal)	8.5
Top of Liner (md- ft)		Mud Type	Fresh Water
		Mud: Chlorides/Resistivity	9200/.55 @ 50

Test String Configuration

Pipe Length (ft) / ID (in)	7194 / 3.83	Gauge Depth (MD)	7933
Pipe Length (ft) / ID (in)		Gauge Depth (TVD)	7933
Drill Collar Length (ft) / ID (in)	696 / 2.25	Test Valve Type	Multiflow Evaluator
Packer Depths (ft MD)	7922 / 7927	Test Valve Depth (ft) (MD)	7904

Key Information

Initial Hydrostatic Pressure	3486	Final Shut In Pressure	522
Init. Hyd Grad & Density	0.439 psi/ft / 8.45 lb/gal	FinalShut In Grad & Density	0.066 psi/ft / 1.27 lb/gal
Final Hydrostatic Pressure	3469	Final Flowing Pressure	55
Final Hyd Grad & Density	0.437 psi/ft / 8.41 lb/gal	Final Flow Rate ( )	
Bottom Hole Temp	118	Productivity Index ( )	

An openhole formation evaluation test was performed on the Bone Springs formation. This DST isolated 7' of pay between 7927' – 8102'. The test was conclusive. Two flows and 2 shutins were obtained. The maximum surface pressure was 8 ounces, flowing through the 1/8" bubble hose on the final flow period. There was no gas to surface during the test. The recovery was 60' of mud and 10' of oil. Please direct any questions about this test to the Hobbs Testing district (505/393-4107). Thank you for choosing Schlumberger.

Schlumberger Crew

Kirk Beasley

Schlumberger

TESTING SERVICES REPORT

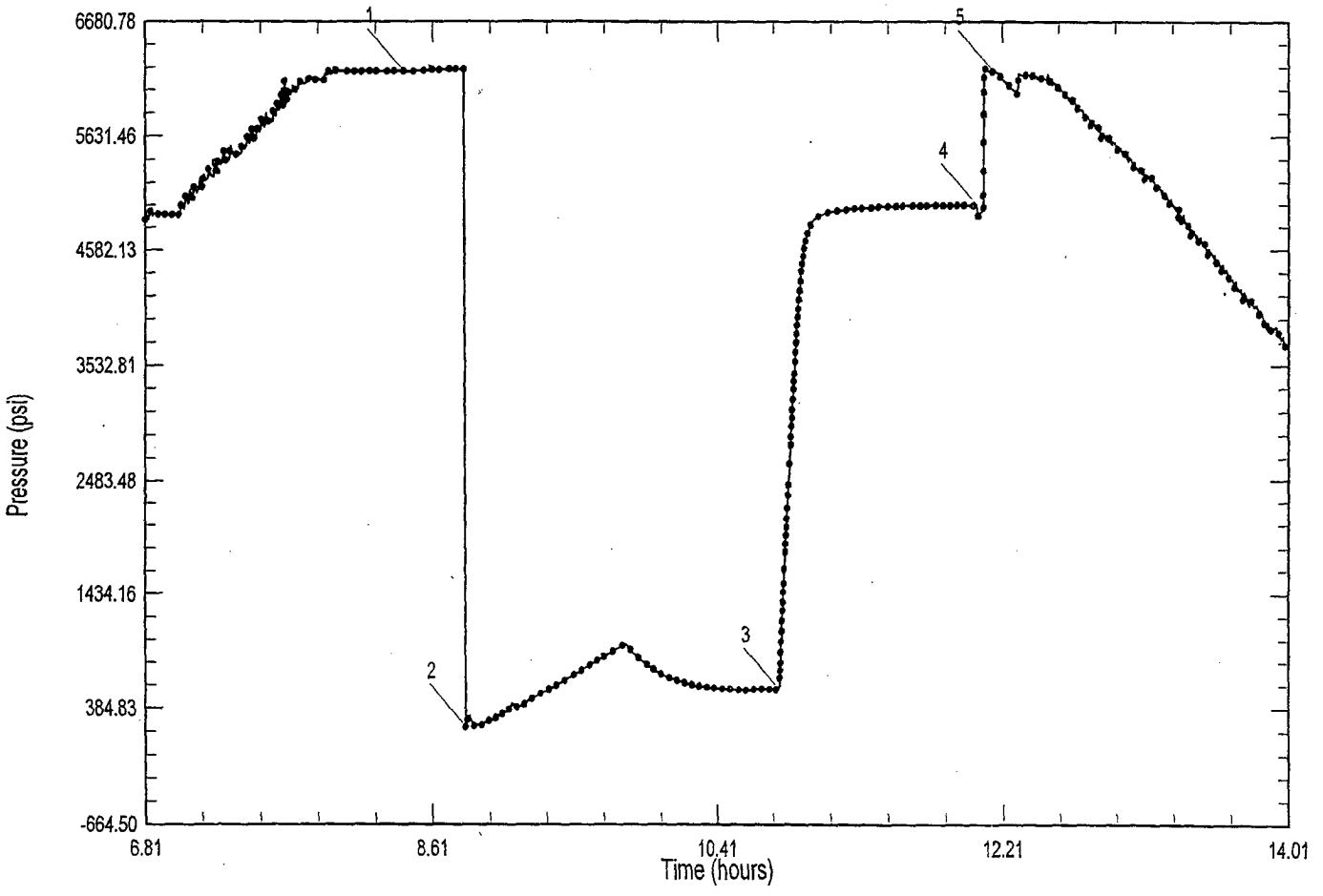
Report Number

Test Date
31-Dec-03

Report Date
31-Dec-03

Mewbourne Oil Co.

DST
Tamano "10" Fed Com #1 - 10
Wildcat
Rig : Patterson 45
Eddy - New Mexico



Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

Schlumberger

Job Summary

Mewbourne Oil Co.

DST

Tamano "10" Fed Com #1 10
Wildcat

Service Order Number : 10625818
Test Date : 31-Dec-03

Company Rep	Jim Lake	**SWS Rep**	Jeremy Cates
Test Information			
Test Number	2	Formation	Morrow
		Interval (MD ft)	90' 11900-11810
Well Location			
Well	Tamano "10" Fed Com #1 10	Rig	Patterson 45
Field	Wildcat	State	Eddy - New Mexico
Wellbore Configuration		Cushion	None
Total Depth (MD/TVD ft)	11900	Wellbore Radius (ft)	8.75
Casing / Liner ID (in)	9.625	Mud Weight (lb/gal)	9.5
Top of Liner (md- ft)	4515	Mud Type	Cut Brine/ Starch
		Mud: Chloride/Resistivity	151000/.045
Test String Configuration			
Pipe Length (ft) / ID (in)	10938	Gauge Depth (MD)	11900
Pipe Length (ft) / ID (in)		Gauge Depth (TVD)	11900
Drill Collar Length (ft) / ID (in)	893	Test Valve Type	MFE
Packer Depths (ft MD)	11803 / 11810	Test Valve Depth (ft) (MD)	11784
Key Information			
Initial Hydrostatic Pressure	6223	Final Shut In Pressure	4998
Init. Hyd Grad & Density	0.523 psi/ft / 10.06 lb/gal	FinalShut In Grad & Density	0.420 psi/ft / 8.08 lb/gal
Final Hydrostatic Pressure	6219	Final Flowing Pressure	555
Final Hyd Grad & Density	0.523 psi/ft / 10.05 lb/gal	Final Flow Rate (MCF/D)	1100
Bottom Hole Temp	161	Productivity Index (MCF/D / psi)	0.248

This is DST # 2. The Morrow formation was evaluated from 11810 to 11900. There was gas to surface 22 minutes into the flow period. The well flowed at a final stable rate of 1100 MCF/D. The pipe recovery was 5.7 barrels of condensate and <1 barrel of gas cut mud. Please direct any questions about this test to the Hobbs Testing District. Thank You for using Schlumberger.

Schlumberger Crew

Jeremy Cates