

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-89881

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

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 990' FNL & 990' FWL, Unit Letter D

At top prod. interval reported below same

At total depth same

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BOP-ARTESIA

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

32676

8. Lease Name and Well No.

Tamano 10 Federal Com #2

9. API Well No.

30-015-32981 SI

10. Field and Pool, or Exploratory

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

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

3723' GL

14. Date Spudded

02/03/04

15. Date T.D. Reached

03/11/04

16. Date Completed

☐ D&A ☒ Ready to Prod.18. Total Depth: MD 12200'
TVD19. Plug Back T.D.: MD 12117'
TVD20. 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	771		650 C	205	Surface	NA
12 1/4	9 5/8 HCK	40	0	4505'		1675 C	561	Surface	NA
8 3/4	5 1/2 N80	17	0	12187'	9152'	1st-950-H	244	9152'	NA
						2nd 1150-H	383	2672'	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	11689'	11677'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11804'	11826'	18'	0.24"	36	open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11804'-11826'	Pumped 3000 gals methanol

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
03/26/04	03/31/04	24	→	7	293	0	50	0.699	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64	75	0	→	7	293	0	41857	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	
	SI		→						

ACCEPTED FOR RECORD

APR 14 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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
Rustler	647				
Yates	2063				
Queen	3241				
Penrose	3483				
San Andres	3981				
Delaware	4486				
Bone Spring	5352				
Wolfcamp	9166				
Strawn	10851				
Atoka Shale	11207				
Morrow	11690				
Barnett	11997				
Chester	12044				
TD	12200				

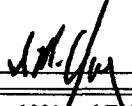
32. Additional remarks (include plugging procedure):

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

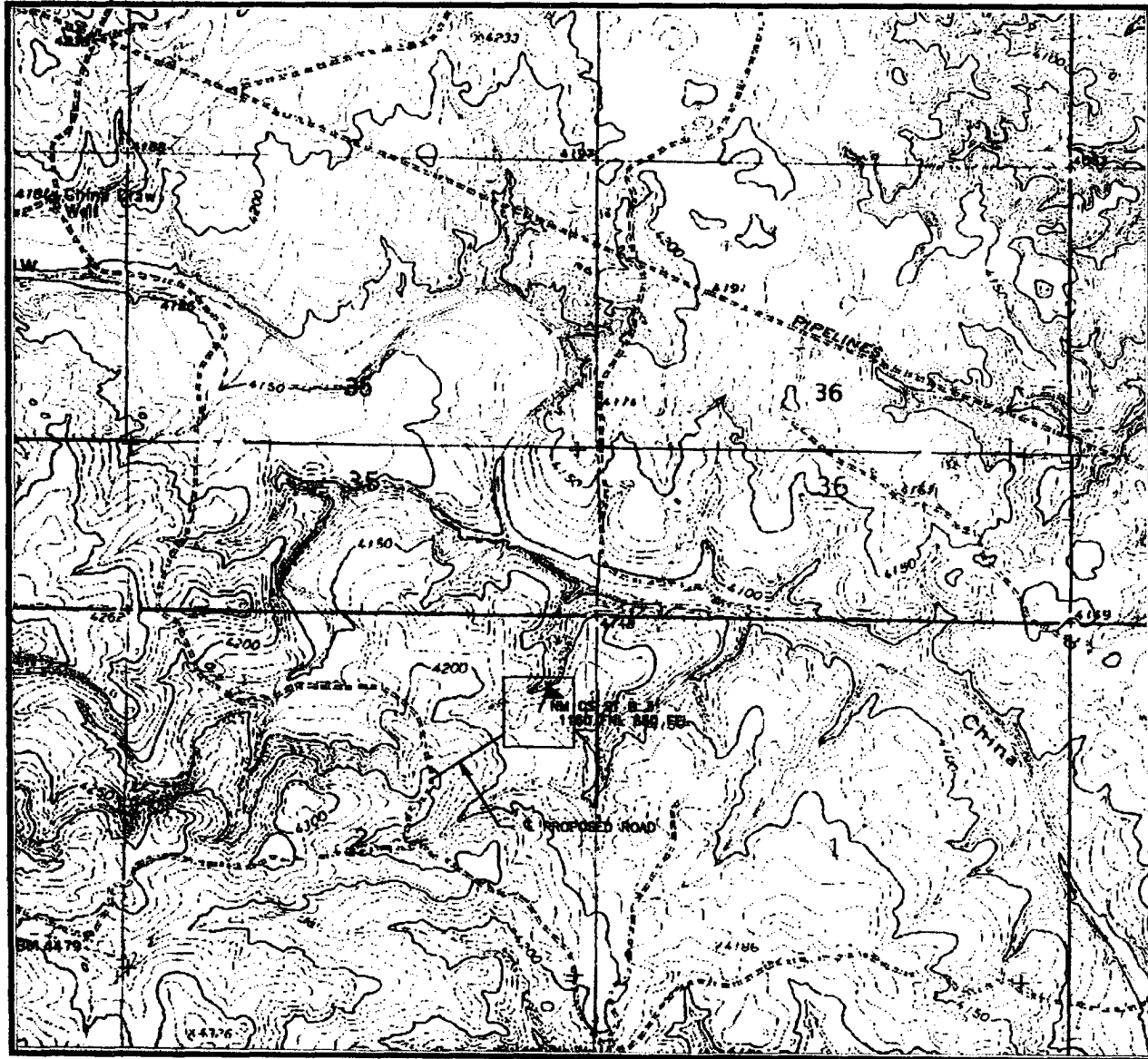
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) NM Young Title Hobbs District Manger

Signature  Date 04/13/04

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.

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

SEC. 2 TWP. 7 S RGE. 22 E

SURVEY N.M.P.M.

COUNTY CHAVES

DESCRIPTION 1160' FNL & 660' FEL

ELEVATION 4173

OPERATOR McKAY OIL CORPORATION

LEASE NM "CS" "B" STATE # 3

U.S.G.S. TOPOGRAPHIC MAPS

MESA SW. NM &

ROCK HOUSE CANYON. NM

WAGENER **WE**
ENGINEERING

1410 N. MISSOURI AVE.
ROSWELL, N. M. 88201
(505) 623-8382

OPERATOR: MEWBOURNE OIL CO
WELL/LEASE: TAMANO 10 FED COM 2
COUNTY: EDDY

048-0023

STATE OF NEW MEXICO
DEVIATION REPORT

229	1/2	8,224	1
494	1/2	8,480	3/4
740	1/2	8,735	1/2
1,023	1/2	9,022	1/2
1,276	1/2	9,309	1
1,781	1	9,559	1
1,975	1 1/4	9,819	3/4
2,073	3/4	10,074	1/2
2,487	3/4	10,328	1/2
2,741	3/4	10,610	1/2
2,997	1	10,831	1/2
3,251	1 1/4	11,083	3/4
3,752	1 1/4	11,272	3/4
4,271	3/4	11,680	1/2
4,457	3/4	12,200	1
4,973	3/4		
5,452	1 1/4		
5,708	1		
5,962	1		
6,472	2 1/2		
6,600	2 1/2		
6,727	3 1/4		
6,823	3		
6,951	2 1/2		
7,078	2 1/4		
7,205	2 1/2		
7,398	2 1/4		
7,591	2		
7,715	1 1/2		
7,969	1 1/2		

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OCD-ARTESIA

By: [Signature]

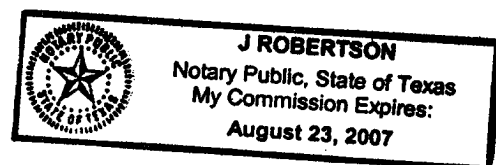
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 24TH day of March, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 8/23/2007

[Signature]
Notary Public for Midland County, Texas



PW/12

Schlumberger

TESTING SERVICES REPORT

Report Number

10625828

Test Date

07-Mar-04

Report Date

08-Mar-04

Mewbourne Oil Co.

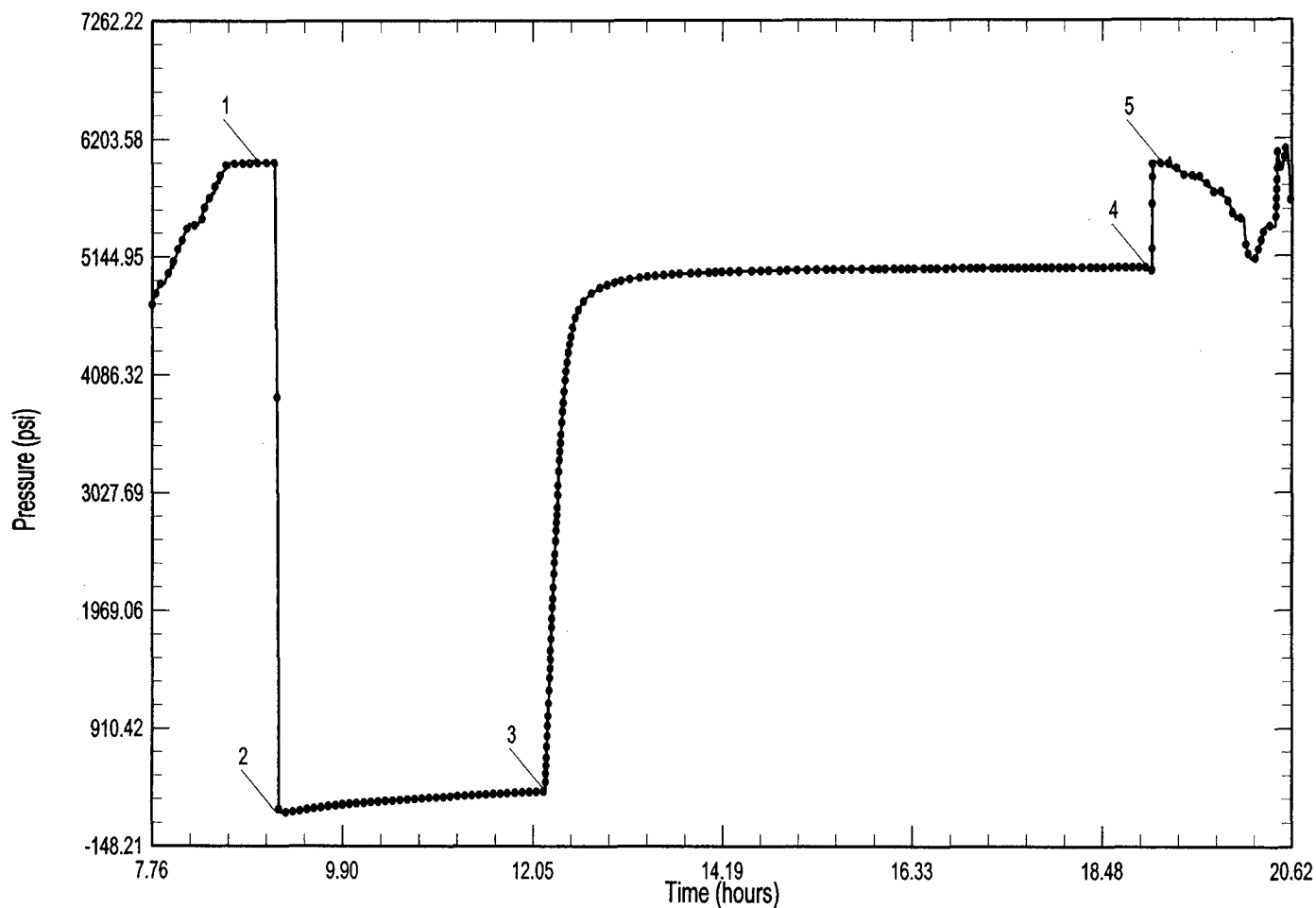
DST

Tamano10 Fed - 2

Tamano

Rig : Patterson 48

Eddy - New Mexico



Report Contents

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

Schlumberger Testing Services



Job Summary
Mewbourne Oil Co.
DST

Tamano10 Fed 2
Tamano

Service Order Number : **10625828**
Test Date : **07-Mar-04**

Company Rep Paul Noseff

SWS Rep..... Jeremy Cates

Test Information

Test Number 2

Formation Morrow

Interval (MD ft) 109' 11900-11781

Well Location

Well..... Tamano10 Fed 2

Rig..... Patterson 48

Field..... Tamano

State Eddy - New Mexico

Wellbore Configuration

Total Depth (MD/TVD ft) 11900

Cushion None

Casing / Liner ID (in) 9.625

Wellbore Radius (ft) 8.75

Top of Liner (md- ft) 4505

Mud Weight (lb/gal) 9.7

Mud Type Brine/Starch

Mud: Chloride/Resistivity..... 132000/.047

Test String Configuration

Pipe Length (ft) / ID (in) 10773

Gauge Depth (MD) 11803

Pipe Length (ft) / ID (in)

Gauge Depth (TVD) 11803

Drill Collar Length (ft) / ID (in) 886.98

Test Valve Type MFE

Packer Depths (ft MD) 11784 / 11791

Test Valve Depth (ft) (MD) 11765

Key Information

Initial Hydrostatic Pressure 5994

Final Shut In Pressure 5052

Init. Hyd Grad & Density 0.508 psi/ft / 9.77 lb/gal

Final Shut In Grad & Density 0.428 psi/ft / 8.23 lb/gal

Final Hydrostatic Pressure 5974

Final Flowing Pressure 341

Final Hyd Grad & Density 0.506 psi/ft / 9.73 lb/gal

Final Flow Rate (MCF) 380

Bottom Hole Temp..... 163

Productivity Index (MCF / psi) 0.081

This is DST #2. The Morrow formation was evaluated from 11900 to 11791. There was gas to surface 29 minutes into the flow period. The pipe recovery was .5 barrels of condensate and 3-4 barrels 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

Schlumberger**Sample Chamber Data
Mewbourne Oil Co.
DST**

Tamano10 Fed 2

10625828

Tamano

07-Mar-04

Sample Chamber Capacity (cc) 2500

Measured Fluid Recovery

		<u>Temp (F)</u>	<u>Press (psia)</u>
Oil (cc)	300	70	40.0
Water (cc)		70	40.0
Mud (cc)			
Total Liquid Recovery (cc)	300		
Gas (ft3)	2.18	70	40.0

Corrected Sample Chamber Gas Recovery

Bottomhole Temperature (F)	163	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia)	341	Est Z Value @ Pwf and Tres	0.966
Corrected Gas Recovery (scf)	1.557		

Sample Chamber Fluid Ratios

Sample Chamber Water Cut	#VALUE!
GOR Using Corrected Gas Recovery	825
GLR Using Corrected Gas Recovery	#VALUE!

Pipe Recovery

<u>Description</u>	<u>Recovery feet</u>	<u>Pipe ID (in)</u>	<u>Recovery bbl</u>	<u>Oil Density API</u>	<u>RES ohm</u>	<u>CHL ppm</u>
Condensate				50		
Gas Cut Mud	800				0.054	100k