

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: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other		5. Lease Serial No. NMLC063622
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 Lynx Petroleum Consultants, Inc.		7. Unit or CA Agreement Name and No.
3. Address P.O. Box 1708, Hobbs, NM 88241		8. Lease Name and Well No. Pacer 28 Fed. #1
3a. Phone No. (include area code) (505) 392-6950		9. API Well No. 30-015-32178
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1880' FNL & 1980' FEL (Unit Letter "G") At top prod. interval reported below Same At total depth Same		10. Field and Pool, or Exploratory Wildcat Morrow (Gas)
		11. Sec., T., R., M., on Block and Survey or Area Sec. 28, 19S, 31E
		12. County or Parish Eddy
		13. State NM

14. Date Spudded 7/11/03	15. Date T.D. Reached 8/8/03	16. Date Completed ☐ D & A ☒ Ready to Prod. 8/22/03	17. Elevations (DF, RKB, RT, GL)* 3507' GL
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18. Total Depth: MD 12625' TVD 12625'	19. Plug Back T.D.: MD 12532' TVD 12532'	20. Depth Bridge Plug Set: MD - TVD -
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR-CNL-FDC, DLL, DIL (Submitted separately)	22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☐ No ☒ Yes (Submit report) Directional Survey? ☒ No ☐ Yes (Submit copy)
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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
26	20		0'	40'	-	Redimix		Surface	0'
17 1/2	13 3/8 H 48		0'	577'	-	595 C	142	Surface	0'
11	8 5/8 J 32		0'	4480'	2338'	1255 C	400	Surface	0'
7 7/8	5 1/2 N-P17		0'	12625'	-	600 H	158	9800' TS	0'

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 3/8	12385'	12385'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12456'	12530'	12487'-529'	1/2"	64	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
8/22/03	8/25/03	4	→	8	107	0	54.5	0.67	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
12/64	1667	SI 3390	→	48	642	0	13375:1	SI waiting on gas connection	

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	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD

SEP 5 2003

Flowing

LES BABYAK
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.)

Flared

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
Delaware	4545	4820	Oil, Gas, Water	Top Salt	675'
Strawn	11100	11494	D.S.T. (Attached)	Base Salt	2000'
Atoka	11705	11733	Oil, Gas, Water	Yates	2202'
Morrow	12223	12329	Oil, Gas, Water	Delaware	4342'
Morrow	12487	12529	Oil, Gas	Bone Spring	6862'
				Wolfcamp	10150'
				Strawn	11198'
				Atoka	11502'
				Morrow	11855'

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 Survey

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) Marc Wise Title President

Signature _____ Date 9/4/03

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.

RECEIVED
SEP 11 2003
AM 7:45

Schlumberger**Job Summary
Lynx Petroleum
DST****Pacer 28 Federal #1 One
West Lusk****Service Order Number : 10625790
Test Date : 31-Jul-03****Company Rep** Gary Fonay**SWS Rep**..... Jeremy Cates**Test Information**

Test Number One

Formation Strawn

Interval (MD ft) 11203-11495

Well Location

Well..... Pacer 28 Federal #1 One

Rig..... Mc Vay #4

Field..... West Lusk

State Eddy - New Mexico

Wellbore Configuration

Total Depth (MD/TVD ft) 11495

Cushion 7.875

Casing / Liner ID (in) 8.625

Wellbore Radius (ft) 8.7

Top of Liner (md- ft) 4480

Mud Weight (lb/gal) PAC

Mud: Chloride/Resistivity..... 28000

Test String Configuration

Pipe Length (ft) / ID (in) 10544

Gauge Depth (MD) 11495

Pipe Length (ft) / ID (in)

Gauge Depth (TVD) 11495

Drill Collar Length (ft) / ID (in) 868

Test Valve Type MFE

Packer Depths (ft MD) 11197 / 11203

Test Valve Depth (ft) (MD) 11178

Key Information

Initial Hydrostatic Pressure 5211

Final Shut In Pressure 5369

Init. Hyd Grad & Density 0.453 psi/ft / 8.72 lb/gal

Final Shut In Grad & Density 0.467 psi/ft / 8.98 lb/gal

Final Hydrostatic Pressure 6206

Final Flowing Pressure 307

Final Hyd Grad & Density 0.540 psi/ft / 10.38 lb/gal

Final Flow Rate ()

Bottom Hole Temp..... 165

Productivity Index ()

This is DST # one. The strawn formation was evaluated from 11203 to 11495. There was gas to surface 40 minutes into the second flow period. The pipe recovery was .44 bbls of oil, .44 bbls of oil and gas cut mud, .88 bbls 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
Lynx Petroleum
DST****Pacer 28 Federal #1 One
West Lusk****10625790
31-Jul-03****Sample Chamber Capacity (cc) 2500****Measured Fluid Recovery**

		<u>Temp (F)</u>	<u>Press (psia)</u>
Oil (cc)	600	75	5000.0
Water (cc)	0	75	5000.0
Mud (cc)	0		
Total Liquid Recovery (cc)	600		
Gas (ft3)	1.697	75	5000.0

Corrected Sample Chamber Gas Recovery

Bottomhole Temperature (F)	165	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia)	307	Est Z Value @ Pwf and Tres	0.970
Corrected Gas Recovery (scf)	1.202		

Sample Chamber Fluid Ratios

Sample Chamber Water Cut	0.0%
GOR Using Corrected Gas Recovery ...	319
GLR Using Corrected Gas Recovery	319

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>
oil	90		0.44	45@75 F	@ 75 F	@ 75 F
oil/gas cut mud	90		0.44	@ 75 F	@ 75 F	28k @ 75 F
gas cut mud	180		0.88	@ 75 F	@ 75 F	28k @ 75 F



McVAY DRILLING COMPANY
Post Office Box 924
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL

Well Name and Number: Pacer "28" Fed #1

Location: Sec. 28, T19S, R31E

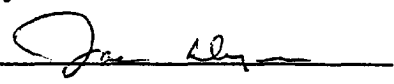
Operator: Lynx

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
1/4	302	3/4	4928	3/4	9159
3/4	541	3/4	5428	1/4	9562
1	854	1	5931	1/2	10145
3/4	2420	1/4	6437	1/2	10237
3/4	2919	1/2	6944	3/4	10710
1	3418	1/2	7451	3/4	11202
1 1/4	3914	1/2	8148	3/4	11448
3/4	4444	1/2	8655	1	11949
				1	12442

Drilling Contractor: McVay Drilling Company

By: 

Subscribed and sworn to before me this 14th day of August, 2003


Notary Public

My Commission Expires: 8-16-05

Lea County, New Mexico

