

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
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____2. Name of Operator
Lynx Petroleum Consultants, Inc.3. Address P.O. Box 1708, Hobbs, NM 88241 3a. Phone No. (include area code)
(505) 392-6950

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

At surface NWSE 1980' FSL & 1850' FEL

At top prod. interval reported below Same

At total depth Same

14. Date Spudded 12/17/03 15. Date T.D. Reached 1/21/04 16. Date Completed
☐ D & A ☒ Ready to Prod. 2/7/04

18. Total Depth: MD 12270 TVD 12270 19. Plug Back T.D.: MD 12145 TVD 12145 20. Depth Bridge Plug Set: MD 12180 TVD 12180

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

GR-CNL-FDC Laterolog

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
26	20-H	94	0	40		Redimix		Surface	0
17 1/2	13 3/8 H	48	0	755		628	217	Surface	0
11	8 5/8 K	32	0	4500		1236	398	Surface	0
7 7/8	5 1/2 P&N	17	0	12270		2050	628	4450 T.S.	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	11982	11982						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Morrow	12200	12210	12200-210	1/2"	40	Abandoned
B) Middle Morrow	12050	12077	12250-60, 12270-77 1/2"	68		Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
12200-12210	Acidized 1000 gals 7 1/2% HCl

ACCEPTED FOR RECORD

FEB 17 2004

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
1/30/04	2/4	24	→	0	0	0	-	-	Swab
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
-	0	0	→	0	0	0	0	Zone Abandoned	

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
2/7/04	2/7	4	→	10	233	0	48	0.65	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
10	3550	0	→	60	1400	0	23333	S.I. Waiting on Gas Connection	

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

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	5180	-6000	Oil & Gas Show	Yates	2832
Bone Spring	6630	-6880	Oil & Gas Show	Queen	3530
Bone Spring	7770	-8350	Oil & Gas Show	San Andres	4308
Bone Spring	9090	-9470	Oil & Gas Show	Delaware	5173
Strawn	10900	-10950	Oil & Gas Show	Bone Spring	6782
Atoka	11440	-11531	DST - Gas Cut Mud	Wolfcamp	9963
Morrow	12050	-12080	Oil & Gas	Strawn	10965
Morrow	12200	-12210	Nothing	Atoka	11282
				Morrow	11615

32. Additional remarks (include plugging procedure):

Tested Morrow 12200-210. Acidized and swabbed dry. Set a C.I.B.P. at 12180' and dump bailed 35' cement on top.

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

2/10/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it unlawful 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.



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

Well Name and Number: Kitty Hawk Fed #1

Location: Lynx

Operator: Eddy

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	296	1	5476	1	10852
1/4	596	1	6004	3/4	11345
3/4	721	1	6480	1 1/4	11499
1/2	1203	1	6896	1	11981
1/2	1710	1 1/4	7493	1 1/4	12140
1/2	2210	1 1/4	7781	1 1/2	12270
3/4	2707	1	8254		
3/4	3205	1	8754		
1/2	3704	1	9265		
3/4	4203	1	9762		
1/2	4484	1 1/4	10256		
1	4973	1 1/2	10349		

RECEIVED

FEB 20 2004

OCD-ARTESIA

Drilling Contractor: McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 27th day of January, 2004

[Signature]
Notary Public

My Commission Expires: 8-16-05

Lea County, New Mexico



Job Summary
Lynx Petroleum
DST

KittyHawk Fed. 1
Sugart

Service Order Number : **10625819**
Test Date : **13-Jan-04**

Company Rep Gary Fonay

SWS Rep..... Jeremy Cates

Test Information

Test Number One

Formation Atoka

Interval (MD ft) 91' 11440-11431

Well Location

Well..... KittyHawk Fed. 1

Rig..... McVay #4

Field..... Sugart

State Eddy - New Mexico

Wellbore Configuration

Total Depth (MD/TVD ft) 11531

Cushion fresh water

Casing / Liner ID (in) 8.625

Wellbore Radius (ft) 7.875

Top of Liner (md- ft) 4500

Mud Weight (lb/gal) 9.3

Mud Type Bio Polymer

Mud: Chloride/Resistivity..... .143/30000

Test String Configuration

Pipe Length (ft) / ID (in) 10646

Gauge Depth (MD) 11460

Pipe Length (ft) / ID (in)

Gauge Depth (TVD) 11460

Drill Collar Length (ft) / ID (in) 753.75

Test Valve Type MFE

Packer Depths (ft MD) 11434 / 11440

Test Valve Depth (ft) (MD) 11414

Key Information

Initial Hydrostatic Pressure 5637

Final Shut In Pressure 4777

Init. Hyd Grad & Density 0.492 psi/ft / 9.46 lb/gal

Final Shut In Grad & Density 0.417 psi/ft / 8.02 lb/gal

Final Hydrostatic Pressure 5641

Final Flowing Pressure 1705

Final Hyd Grad & Density 0.492 psi/ft / 9.47 lb/gal

Final Flow Rate (MCF)

Bottom Hole Temp..... 176

Productivity Index (MCF / psi)

This is DST #1. The Atoka formation was evaluated from 11440 to 11531. The test was conclusive. There was no gas to surface during the test. The recovery was 36 barrels of gas cut mud. Please direct any questions about this test to the Hobbs Testing District. Thank You for choosing Schlumberger.

Schlumberger Crew

Jeremy Cates



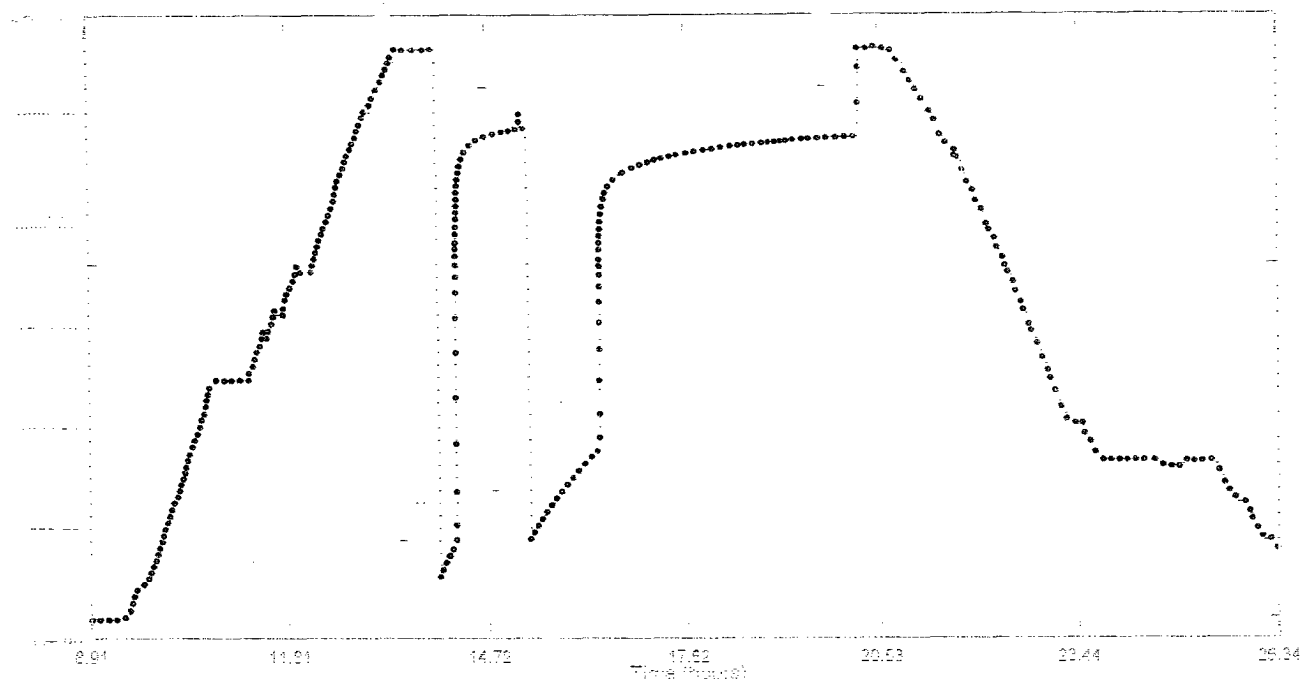
Label Point Data
Lynx Petroleum
DST

Killyhawk Fed. 1

10625519

8/2/05

10 Jan 04



Label Point / Comments	Date	Time	Gauge B	BRP	Rate (MCF)
Label Point Summary					
1) Hydrostatic Pressure	13-Jan-04	13:11:51	13.831	5636.71	0
2) Start Flow	13-Jan-04	13:22:00	14.000	419.10	1
3) End Flow & Start Shut-in	13-Jan-04	13:37:27	14.258	780.49	0
4) End Shut-in	13-Jan-04	14:34:18	15.205	4852.82	0
5) Start Flow	13-Jan-04	14:41:54	15.332	813.81	1
6) End Flow & Start Shut-in	13-Jan-04	15:43:00	16.350	1705.07	0
7) End Flow <i>End of Test</i>	13-Jan-04	19:35:27	20.224	4777.16	0
8) Hydrostatic Pressure	13-Jan-04	19:40:09	20.303	5641.10	0