

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT1301 W. Grand Avenue  
Artesia, NM 88210FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

WELL CASE DESIGNATION AND SERIAL NO.

NM 103877

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: ☒ OIL WELL ☒ GAS WELL ☐ DRY ☐ Other2. TYPE OF COMPLETION: ☒ NEW WELL ☐ OVER ☐ DEEPENED ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other

3. NAME OF OPERATOR

Fasken Oil and Ranch, Ltd.

3. ADDRESS AND TELEPHONE NO.

303 W. Wall, Suite 1800, Midland, TX 79701 (915) 687-1777

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

2100' FSL, 1980' FEL

At top prod. interval reported below

At total depth

ACCEPTED FOR RECORD

SEP 11 2002

ALEXIS C. SWOBODA

14. PERMIT NO. PETROLEUM

4/3/2002

6. IF INDIAN, ALIOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

29702

8. FARM OR LEASE NAME, WELL NO

Slingshot "35" Federal No. 1

9. API WELL NO.

30-015-32278

10. FIELD AND POOL, OR WILDCAT

Burton Flats Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 35, T20S, R28E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED 6/18/2002 16. DATE T.D. REACHED 7/27/2002 17. DATE COMPL. (Ready to prod.) 8/19/2002 18. ELEVATIONS (DF. RKB, RT, GR, ETC.)\* 3212'

19. ELEV. CASINGHEAD 20. TOTAL DEPTH, MD &amp; TVD 11632' 21. PLUG BACK T.D., MD &amp; TVD 11586' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY all 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 11383' - 11390' Morrow

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Three Detector Litho Density/Comp Neutron/GR, High Resolution Laterolog Array 27. WAS WELL CORDED No

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	626'	17 1/2"	740 sx, circulated	
9 5/8"	36#	2808'	12 1/4"	1450 sx, circulated	20 sx
5 1/2"	11.6#	11632'	8 3/4"	2675 sx, circulated	120 sx

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8"	11166'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11383' - 11390' with 1 JSPF O deg phasedd		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		11383' - 11390'	3000 gals ISO-SOL, 21 tons CO2, 3000 gals 50% CO2 50% methanol/acetic acid

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/19/2002		flowing				producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
9/2/2002	24	3/4"		3	427	0	142333
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
465	0		3	427	0	50	

34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.) sold TEST WITNESSED BY Mark Jacobs

## 35. LIST OF ATTACHMENTS

C-104, C-102, Logs, deviation report, DST Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Mary D. Carlin TITLE Regulatory Affairs Coordinator DATE 9/6/2002

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Capitan Reef	1200	
				Delaware	2800	
				Brushy Canyon	3900	
				Bone Spring	5350	
				1st Bone Spring	6700	
				2nd Bone Spring	7300	
				3rd Bone Spring	8500	
				Wolfcamp	9000	
				Lower Wolfcamp	9550	
				Penn	9950	
				Strawn	10150	
				Atoka	10450	
				Morrow	11100	

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32278	Pool Code 73280	Pool Name Burton Flats - Morrow
Property Code	Property Name SLINGSHOT "35" FEDERAL	Well Number 1
OGRID No. 151416	Operator Name FASKEN OIL & RANCH, LTD.	Elevation 3212'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	35	20 S	28 E		2100	SOUTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jimmy D. Carlile</i> Signature</p> <p>Jimmy D. Carlile Printed Name</p> <p>Regulatory Affairs Coordinator Title</p> <p>2/13/02 Date</p>
		<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 31, 2002</p> <p>Date Surveyed</p> <p><i>Gary L. Jones</i> Signature of Professional Surveyor</p> <p> </p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

**FASKEN OIL AND RANCH, LTD.  
SLINGSHOT "35" FEDERAL NO. 1**

**DST Summary**

DST #1 (11,452' – 11,495')

Opened tool @ 5:32 am 7-26-02 w/ good blow

1"- blowing from bottom of bucket

2"- 10 oz

3"- 14 oz

5"- 1 psi, closed tool. Tool closed 1 hr.

DST No. 1 (11,452' – 11,495')

Reopened tool w/ good blow

1"- blowing from bottom of bucket

2"- 10 oz on bubble hose

5"- 1 psi

10"- 1.4 psi

15"- 2 psi

30"- 3.9 psi

60"- 8.3 psi

90"- 9.9 psi

120"- 8.8 psi, closed tool.

Recovery: 8500' (115 bbls) gas cut formation water, chlorides 28,000 ppm

Sampler: 1655 psi, 0.5 cuft/gas, 2400 cc formation water, chlorides 28,000 ppm.

IHP 5696 psi

IPFP 441 psi

FPFP(5") 844 psi

ISIP(60") 4291 psi

IFP 986 psi

FFP(120") 3828 psi

FSIP(240") 4291 psi

FHP 5680 psi

BHT 193°

DST No. 2 (11,382'-11,400')

Opened tool at 7:05 pm CDT 7-30-02 with no response on bubble hose for 5 minutes.

Closed tool at 7:11 pm. SI 1 hr.

Re-opened tool at 8:11 pm and packers moved downhole approximately 10'.

Had ½" blow in bucket for 30 minutes and died.

Released packers and reset 5' higher than original setting depth. **New test interval 11,378'-11396'.**

Opened tool at 11:00 pm with no response. Closed tool at 11:10 pm. SI 1 hr.

Re-opened tool at 12:10 am with very weak blow.

10" ¼" on 1/8" bubble hose

30" bottom of bucket

40"-75" 7 oz on bubble hose

Closed tool at 1:25 am. SI 2-1/2 hrs.

Re-opened tool at 3:50 am with 150# shut in at manifold. GTS 2" after opening.

5" 50# on 1" choke

10" 35#

15" 10#

20" 2#

25" 1" on bubble hose  
30"-55" ½" on bubble hose  
60" 5# on 1" choke  
65"-175" 13#-16# on 1" choke. Estimated gas rate 683 mcfpd.  
Closed tool at 6:45 am.

**DST No. 2 (11,378'-11396')**

Recovery: 2993' 10 ppg brine water blanket (all of water blanket was recovered with no additional water), CI 146,000 ppm. Pit CI 110,000 ppm.

Sampler: 1100 psi, 4.8 cuft/gas, 1000 cc water, chlorides 72,000 ppm.

IHP	5626 psi
1 <sup>st</sup> IFP	1599 psi
1 <sup>st</sup> FFP (10")	1623 psi
ISIP (60")	2226 psi
2 <sup>nd</sup> IFP	1590 psi
2 <sup>nd</sup> FFP (75")	1426 psi
2 <sup>nd</sup> FSIP (150")	2230 psi
3 <sup>rd</sup> IFP	1622 psi
3 <sup>rd</sup> FFP (175")	1439 psi
3 <sup>rd</sup> FSIP (360")	2225 psi
FHP	5700 psi
BHT	182°

**FASKEN OIL AND RANCH, LTD.**

303 WEST WALL AVENUE, SUITE 1800  
MIDLAND, TEXAS 79701-5116

(915) 687-1777

September 6, 2002

Bureau of Land Management  
2909 West Second Street  
Roswell, NM 88201

Gentlemen:

Re: Request for Log Confidentiality  
Slingshot "35" Federal No. 1  
Section 35, T20S, R28E  
Eddy County, New Mexico

Fasken Oil and Ranch, Ltd. requests the logs for the Slingshot "35" Federal No. 1 be held confidential for a period of one year.

Yours truly,

A handwritten signature in cursive script, reading "Jimmy D. Carlile".

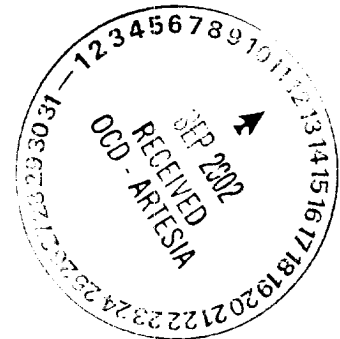
Jimmy D. Carlile  
Regulatory Affairs Coordinator

OPERATOR: FASKEN OIL & RANCH, LTD.  
WELL/LEASE: SLINGSHOT 35 FED. #1  
COUNTY: EDDY

142-0011

STATE OF NEW MEXICO  
DEVIATION REPORT

177	1/2	8,083	2 1/2
376	3/4	8,555	2
497	1/4	9,051	1
588	1/4	9,551	1
886	3	10,049	1/2
952	3	10,521	1/4
1,029	2 1/2	11,020	1
1,079	2 1/2	11,495	1
1,143	2	11,625	1
1,206	2 1/4		
1,304	2 1/2		
1,365	1 3/4		
1,428	1 3/4		
1,555	1 1/4		
1,685	1 1/4		
1,935	1		
2,190	1/2		
2,412	1		
2,621	1		
3,098	1/4		
3,568	3/4		
4,068	1		
4,533	1		
5,006	1		
5,485	1 1/2		
5,991	1 1/4		
6,557	2		
6,709	1 3/4		
7,181	1		
7,614	3/4		



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 8th day of August, 2002, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges  
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

