

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-104

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Devon Energy Production Company, LP 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		² OGRID Number 6137	
		³ Reason for Filing Code NW	
⁴ API Number 30-015-34782	⁵ Pool Name Sheep Draw; Strawn Gas		⁴ Pool Code
⁷ Property Code	⁸ Property Name Hackberry 31 State		⁹ Well Number 2

II. Surface Location

UI or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
P	31	22S	26E		920	SOUTH	1310	EAST	EDDY

Bottom Hole Location

UI or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code S	¹³ Producing Method Code F		¹⁴ Gas Connection Date 5/6/2008		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULS IFR Location and Description
9171	DCP Midstream P.O. Box 50020 Midland, Texas 79710-0020		G	

IV. Produced Water

²³ POD	²⁴ POD ULS IFR Location and Description
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V. Well Completion Data

²⁵ Spud Date 1/10/2008	²⁶ Ready Date 5/6/2008	²⁷ TD 11,510'	²⁸ PBTD 10,175'	²⁹ Perforations 10,026' - 10,060'	³⁰ DHC, DC, MC
³¹ Hole Size 17 1/2"		³² Casing & Tubing Size 13 3/8"		³³ Depth Set 465'	³⁴ Sacks Cement 450 sx Cl C, 163 to pit
12 1/4"		9 5/8"		1610'	1875 sx Cl C
6 1/8"		4 1/2"		11510'	280 sx Cl C

VI. Well Test Data

³⁵ Date New Oil 5/6/2008	³⁶ Gas Delivery Date 5/6/2008	³⁷ Test Date 5/6/2008	³⁸ Test Length 24	³⁹ Tbg Pressure 0	⁴⁰ Csg Pressure 0
⁴¹ Choke Size 0	⁴² Oil 0	⁴³ Water 67	⁴⁴ Gas 128	⁴⁵ AOF	⁴⁶ Test Method Flowing

"I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief

Signature

Printed Name

Title

Date

Stephanie A. Ysaaga

Sr Staff Engineering Technician

5/26/2008

Phone 405-552-7802

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date

⁴⁶ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

Well Name and Number: Hackberry 31 State 2
Location: Sc. 31, T22S, R26E
Operator: Devon Energy
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:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
0.40	235	1.17	3920
1.47	465	1.18	4427
6.50	690	1.18	4904
7.25	721	0.75	5375
7.00	783	0.42	5849
7.50	844	0.11	6349
7.06	935	1.07	6823
6.24	1026	1.29	7315
5.77	1151	0.72	7808
4.25	1278	0.38	8178
3.90	1406	1.00	8576
1.97	1729	0.34	9099
1.89	1921	0.86	9599
1.87	2207	1.48	10082
0.90	2494	1.52	10526
0.82	2968	1.50	10750
0.50	3444	1.71	11510

Drilling Contractor: McVay Drilling Company

By: H. H. Crampton Jr.

Subscribed and sworn to before me this 18th day of February, 2008

Tara Fleming
Notary Public

My Commission Expires: 8-16-09 Lea County, New Mexico

DEVON ENERGY PRODUCTION COMPANY LP

Well Name HACKBERRY 31 STATE 2		Field HAPPY VALLEY	
Location 920' FSL & 1310' FEL; SEC 31-T22S-R26E		County EDDY	State NM
Elevation 3402.5' KB; 3381' GL		Spud Date 1/13/08	Compl Date
API# 30-015-34782	Prepared by Ronnie Slack	Date: 5/27/08	Rev

17-1/2" Hole
13-3/8", 48#, H40, STC, @ 465'
 Cmt'd w/450 Sx to surface

12-1/4" Hole
9-5/8", 40#, J55, LTC, @ 1,610'
 Cmt'd w/375 sx, then topped out w/825 sx to surface

DV @ 4,487'

2-3/8", N80, production tubing

8-3/4" Hole
7", 26#, P110 & J55, LTC, @ 8,602'
 Cmt'd w/1695 sx to surface

STRAWN (5/20/08)
 10,026' - 10,034'
 10,040' - 10,060'

5/21/08 acidized w/2250 gals, 15% HCl

STRAWN (5/3/08)
 10,200' - 10,208'
 10,224' - 10,238'

5/3/08 acidized 10200-10238 w/6000 gals, 15% HCl

ATOKA (4/16/08)
 10,600' - 10,614'

10,622' - 10,643' perfs wet (4/30/08)
 4/17/08 acidized 10600-10643 w/11500 gals 15% HCl

MORROW (3/08)
 11,210' - 11,213'
 11,218' - 11,221'
 11,240' - 11,246'

3/08-acid frac w/2000 gals 7.5% HCl,
 1130 bbls gel, & 64360# 18/30

11,291' - 11,295' - 3/08-acidized w/1500 gals HCL

6-1/8" Hole
4-1/2", 11.6#, P110, LTC, @ 11,510'
 Cmt'd w/280 Sx TOC @ 8,600' (CBL-3/8/08)

Arrow set packer @ 10,000' (5/20/08)

EOT @ 10,011'

CBP @ 10,175' (5/20/08)

CBP @ 10,580' (5/3/08)

CIBP @ 10,618' (5/1/08)

35' cement. 11,145' PBD
 CIBP @ 11,180' (4/16/08)

CIBP @ 11,270' (4/11/08)

11,421' PBTD

11,510' TD