

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
100 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-61434 64134

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Longhorn 28 Fee

8. Well Number

1H

9. OGRID Number

6137

10. Pool name or Wildcat

White Ranch; Mississippian (Gas)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Devon Energy Production Company, LP

3. Address of Operator

20 North Broadway Oklahoma City, Oklahoma 73102-8260 (405) 552-7802

4. Well Location

Unit Letter C : 670 feet from the North line and 1470 feet from the West line

Section 28 10S Township 29E Range NMPM Eddy County NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3901.2' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: SURFACE LOCATION CORRECTION/CHANGE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The original Application for Permit to Drill was filed by Devon Energy Production Co., LP and approved on 07/29/2010. Devon Energy Production Co., LP is correcting the surface location plat and providing a revised C-102.

Initial Surface Location:

Sec 28-T10S-R29E 670' FNL & 1470' FWL

Revised Surface Location:

Sec 28-T10S-R29E 670' FNL & 1770' FWL

Previous drilling program and directional survey are still applicable and the Northing and Eastings on the previously approved directional survey (page 2) matched the revised C-102 location (Northing: 881543.90 and Easting: 645021.58).

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Sr. Staff Engineering Technician DATE 08/03/2010

Type or print name Stephanie A. Ysasaga E-mail address: Stephanie.Ysasaga@dvn.com PHONE: (405)-552-7802

For State Use Only

APPROVED BY: [Signature] TITLE Director DATE 08/11/2010

Conditions of Approval (if any):

District I

1625 N. French Dr., Hobbs, NM 88240

District II

701 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 15, 2009

Submit one copy to appropriate
District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-005-61434	² Pool Code	³ Pool Name WHITE RANCH; MISSISSIPPIAN (GAS)
⁴ Property Code	⁵ Property Name LONGHORN "28" FEE	⁶ Well Number 1H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3901.2

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	28	10 S	29 E		670	NORTH	1770	WEST	CHAVES

¹¹ Bottom Hole Location If Different From Surface

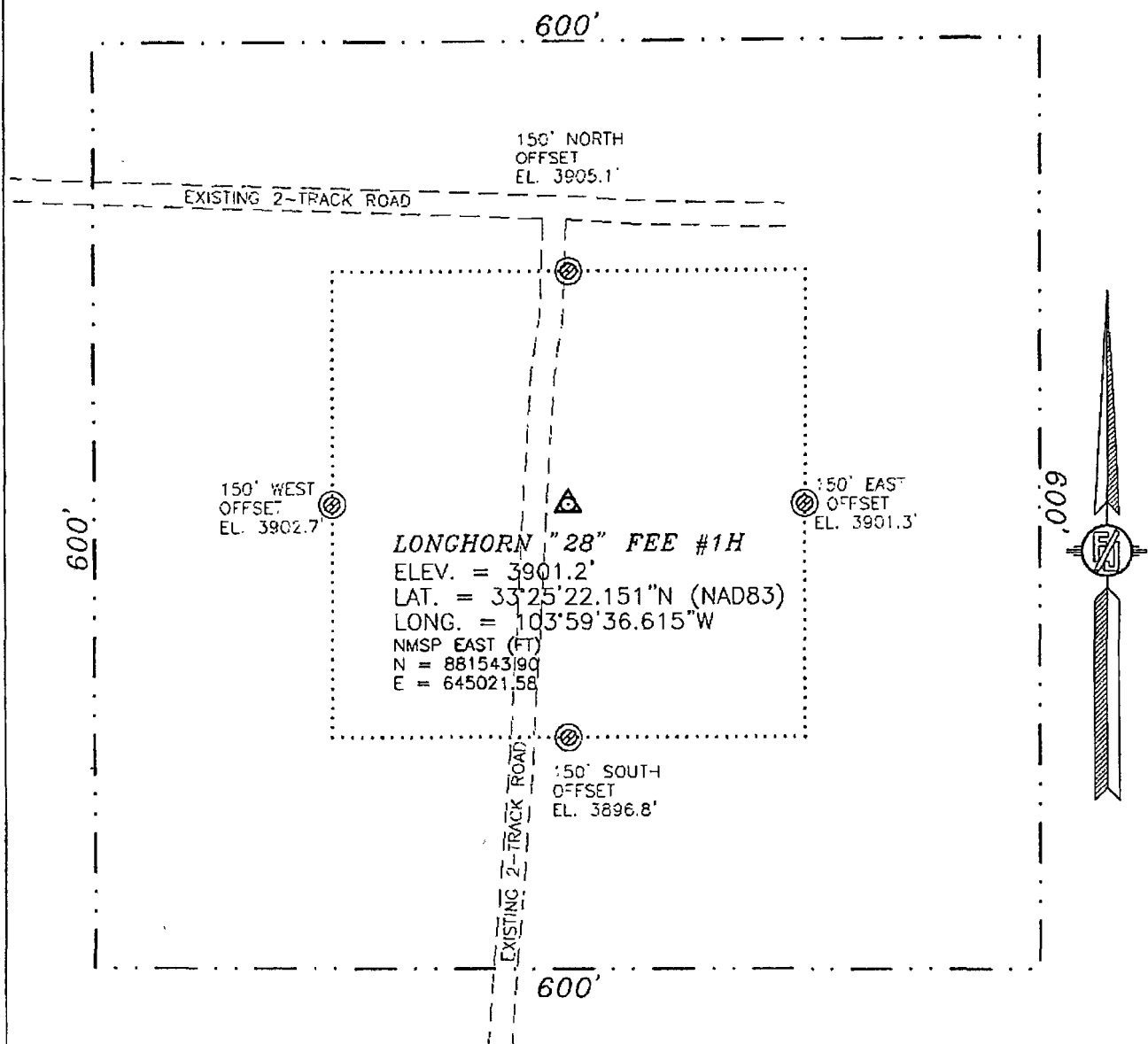
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	10 S	29 E		670	NORTH	670	EAST	CHAVES

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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.

		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name STEPHANIE A. YSASAGA
¹⁸ SURVEYOR CERTIFICATION 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. JULY 8, 2010 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number 1797 JOSE MANUEL JARAMILLO, PLS 12797 SURVEY NO. 133-R2		

SECTION 28, TOWNSHIP 10 SOUTH, RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO



0 50 100 200
SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM HWY. 380 AND CO. RD. #256 GO EAST ON HWY.
380 0.4 MILES AND TURN LEFT ON SANDY RANCH RD.
AND GO NORTH 885' AND LOCATION IS ON THE RIGHT
(EAST) 20'.

DEVON ENERGY PRODUCTION COMPANY, L.P.

LONGHORN "28" FEE #1H

LOCATED 670 FT. FROM THE NORTH LINE
AND 1770' FT. FROM THE WEST LINE OF
SECTION 28, TOWNSHIP 10 SOUTH,
RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

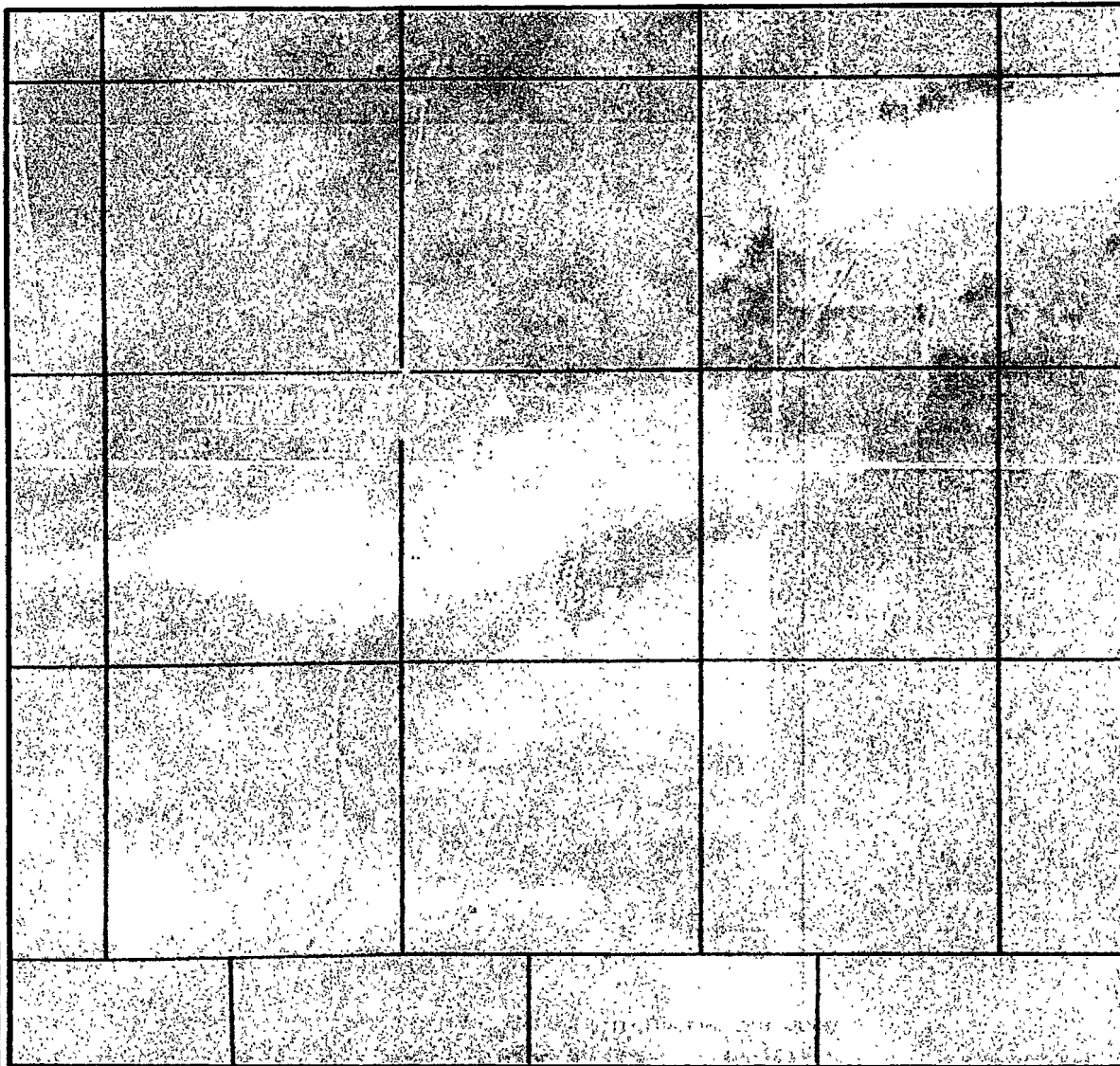
JULY 16, 2010

SURVEY NO. 133-R2

MADRON SURVEYING, INC. 301 SOUTH CANAL (E75) 88°-5830' CARLSBAD, NEW MEXICO

SECTION 28, TOWNSHIP 10 SOUTH, RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

LAND OWNERSHIP MAP AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
USDA - AUG, 2009

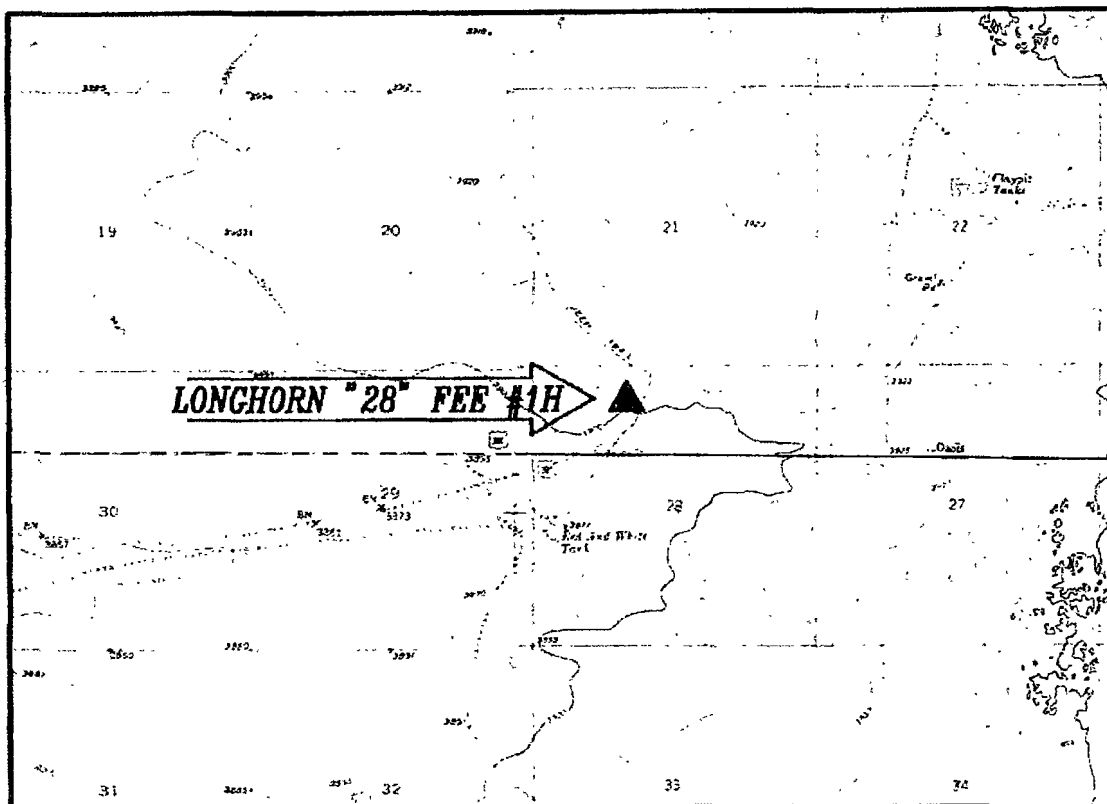
DEVON ENERGY PRODUCTION COMPANY, L.P.
LONGHORN "28" FEE #1H
LOCATED 670 FT. FROM THE NORTH LINE
AND 1770' FT. FROM THE WEST LINE OF
SECTION 28, TOWNSHIP 10 SOUTH,
RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

JULY 16, 2010

SURVEY NO. 133-R2

MADRON SURVEYING, INC. 301 SOUTH CANAL (572) 887-5830 CARLSBAD, NEW MEXICO

SECTION 28, TOWNSHIP 10 SOUTH, RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



CONTOUR INTERVAL:
OASIS
SARDINE MOUNTAIN

DIRECTIONS TO LOCATION

FROM HWY. 380 AND CO. RD. #256 GO EAST
ON HWY. 380 0.4 MILES AND TURN LEFT ON
SANDY RANCH RD. AND GO NORTH 885' AND
LOCATION IS ON THE RIGHT (EAST) 20'.

NOT TO SCALE

SEC. 28 TWP. 10-S RGE. 29-E
SURVEY N.M.P.M.
COUNTY CHAVES STATE NEW MEXICO
DESCRIPTION 670' FNL & 1770' FWL
ELEVATION 3901.2'
OPERATOR DEVON ENERGY PRODUCTION COMPANY, LP
LEASE LONGHORN

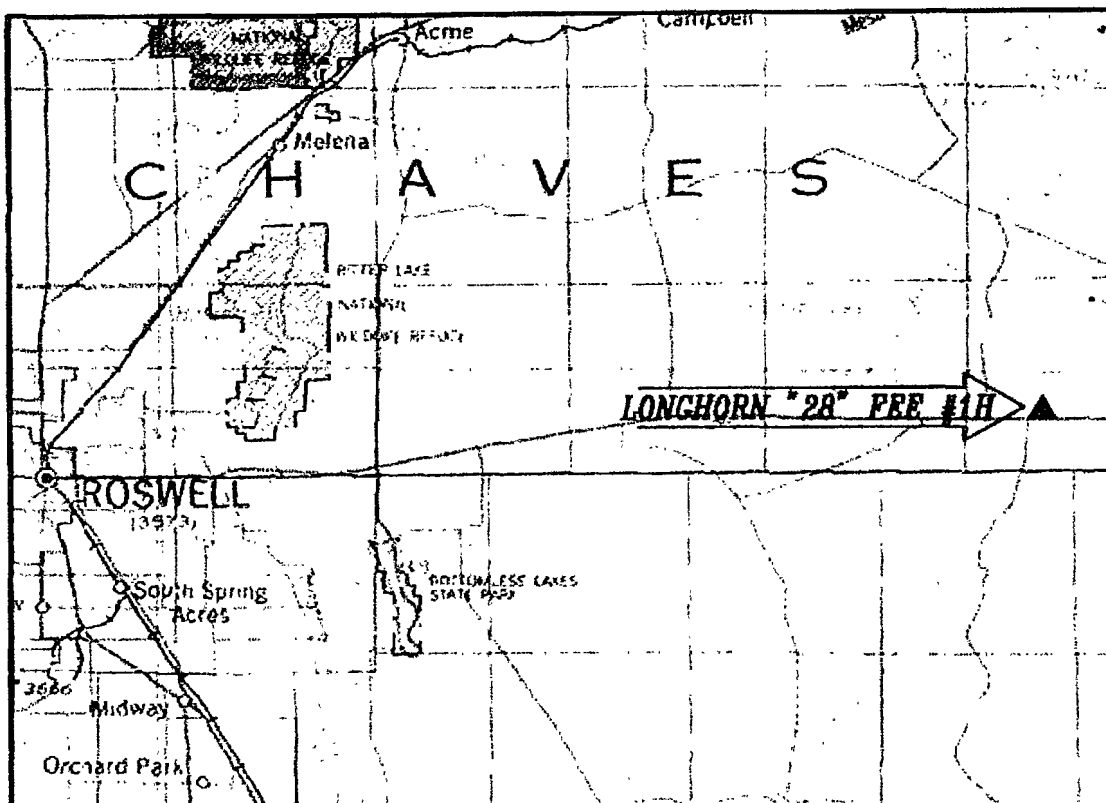
DEVON ENERGY PRODUCTION COMPANY, L.P.
LONGHORN "28" FEE #1H
LOCATED 670 FT. FROM THE NORTH LINE
AND 1770' FT. FROM THE WEST LINE OF
SECTION 28, TOWNSHIP 10 SOUTH,
RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

JULY 16, 2010

SURVEY NO. 133-R2

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 887-5830

SECTION 28, TOWNSHIP 10 SOUTH, RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DIRECTIONS TO LOCATION
FROM HWY. 380 AND CO. RD. #256 GO EAST
ON HWY. 380 0.4 MILES AND TURN LEFT ON
SANDY RANCH RD. AND GO NORTH 885' AND
LOCATION IS ON THE RIGHT (EAST) 20'.

NOT TO SCALE

SEC. 28 TWP. 10-S RGE. 29-E
SURVEY N.M.P.M.
COUNTY CHAVES STATE NEW MEXICO
DESCRIPTION 670' FNL & 1770' FWL
ELEVATION 3901.2'
OPERATOR DEVON ENERGY PRODUCTION COMPANY, LP
LEASE LONGHORN

DEVON ENERGY PRODUCTION COMPANY, L.P.
LONGHORN "28" FEE #1H
LOCATED 670 FT. FROM THE NORTH LINE
AND 1770' FT. FROM THE WEST LINE OF
SECTION 28, TOWNSHIP 10 SOUTH,
RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

JULY 16, 2010

SURVEY NO. 133-R2

MADRON SURVEYING, INC. 301 SOUTH CAVAL (575) 887 5830 **CARLSBAD, NEW MEXICO**



Devon Energy

Chaves Co, New Mexico (Nad-83)

Longhorn 28 Fee #1H

Longhorn 28 Fee #1H

Lateral #1

Plan: Design #2

Standard Survey Report

22 July, 2010





CUDD Drilling & Measurement Services

Survey Report



Company: Devon Energy
Project: Chaves Co, New Mexico (Nad-83)
Site: Longhorn 28 Fee #1H
Well: Longhorn 28 Fee #1H
Wellbore: Lateral #1
Design: Design #2

Local Co-ordinate Reference:
TVD Reference: WELL @ 3919.00ft (Original Well Elev)
MD Reference: WELL @ 3919.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	Chaves Co, New Mexico (Nad-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Longhorn 28 Fee #1H, Sec 28, T-10S, R-29E		
Site Position:	Northing:	881,543.90 ft	Latitude: 33° 25' 22.151 N
From: Map	Easting:	645,021.58 ft	Longitude: 103° 59' 36.616 W
Position Uncertainty:	0.00 ft	Slot Radius:	Grid Convergence: 0.19 "

Well	Longhorn 28 Fee #1H		
Well Position	+N/-S	0.00 ft	Northing: 881,543.90 ft
	+E/-W	0.00 ft	Easting: 645,021.58 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	3,919.00 ft
		Ground Level:	3,900.00 ft

Wellbore	Lateral #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	06/16/10	7.98	61.26	49,417

Design	Design #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	8,815.00	0.00	0.00	91.09

Survey Tool Program	Date 07/22/10			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	8,000.00	Design #2 (Lateral #1)	NS-GYRO-MS	North sensing gyrocompassing m/s
8,000.00	11,375.21	Design #2 (Lateral #1)	CUDD MWD	MWD - Standard CUDD MWD

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,925.00	0.00	0.00	5,925.00	0.00	0.00	0.00	0.00	0.00	0.00
Abo									
6,345.00	0.00	0.00	6,345.00	0.00	0.00	0.00	0.00	0.00	0.00
Abo Dolomite									
6,495.00	0.00	0.00	6,495.00	0.00	0.00	0.00	0.00	0.00	0.00
Wolfcamp									
7,450.00	0.00	0.00	7,450.00	0.00	0.00	0.00	0.00	0.00	0.00
Pennsylvanian									
8,177.24	0.00	0.00	8,177.24	0.00	0.00	0.00	0.00	0.00	0.00
KOP - Build 10°/100'									



CUDD Drilling & Measurement Services

Survey Report



Company: Devon Energy
Project: Chaves Co, New Mexico (Nad-83)
Site: Longhorn 28 Fee #1H
Well: Longhorn 28 Fee #1H
Wellbore: Lateral #1
Design: Design #2

Local Co-ordinate Reference: Site Longhorn 28 Fee #1H
TVD Reference: WELL @ 3919.00ft (Original Well Elev)
MD Reference: WELL @ 3919.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,463.52	28.63	91.09	8,451.76	-1.34	70.03	70.05	10.00	10.00	0.00
Mississippian									
8,517.03	33.98	91.09	8,497.46	-1.87	97.82	97.84	10.00	10.00	0.00
Mississippian Meramec									
8,574.36	39.71	91.09	8,543.32	-2.52	132.18	132.20	10.00	10.00	0.00
Mississippian Osage									
8,950.51	77.33	91.09	8,736.24	-8.53	447.18	447.26	10.00	10.00	0.00
Mississippian Lower Osage									
9,061.14	88.39	91.09	8,749.87	-10.62	556.76	556.86	10.00	10.00	0.00
EOC - Hold 1:88.39° @ A:91.09°									
11,375.60	88.39	91.09	8,815.00	-54.72	2,869.89	2,870.41	0.00	0.00	0.00
PBHL - TD(L28F#1H)									

Design Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL - TD(L28F#1H) - plan hits target center - Point	0.00	359.86	8,815.00	-54.72	2,869.89	881,489.18	647,891.46	33° 25' 21.516 N	103° 59' 2.756 W

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
5,925.00	5,925.00	Abo		1.44	89.87
6,345.00	6,345.00	Abo Dolomite		1.44	89.87
6,495.00	6,495.00	Wolfcamp		1.44	89.87
7,450.00	7,450.00	Pennsylvanian		1.44	89.87
8,463.52	8,450.00	Mississippian		1.44	89.87
8,517.03	8,495.00	Mississippian Meramec		1.44	89.87
8,574.36	8,540.00	Mississippian Osage		1.44	89.87
8,950.51	8,725.00	Mississippian Lower Osage		1.44	89.87
	9,045.00	Siluro-Devonian		1.44	89.87

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,177.24	8,177.24	0.00	0.00	KOP - Build 10°/100'
9,061.14	8,749.97	-10.62	556.76	EOC - Hold 1:88.39° @ A:91.09°

Checked By: _____

Approved By: _____

Date: _____

Longhorn 28 Fee #1H_Plan #2_Report_07-22-10.txt

Devon Energy
Longhorn 28 Fee #1H - Design #2

Chaves Co, New Mexico (Nad-83)
Longhorn 28 Fee #1H

Measured Dogleg Depth Rate (ft) (* /100ft)	Incl.	Azim.	vertical Depth (ft)	Northings (ft)	Eastings (ft)	vertical Section (ft)
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
0.00						
8177.24	0.00	0.00	8177.24	0.00 N	0.00 E	0.00
0.00						
8200.00	2.28	91.09	8199.99	0.01 S	0.45 E	0.45
10.00						
8300.00	12.28	91.09	8299.06	0.25 S	13.10 E	13.10
10.00						
8400.00	22.28	91.09	8394.43	0.82 S	42.75 E	42.76
10.00						
8500.00	32.28	91.09	8483.20	1.69 S	88.51 E	88.53
10.00						
8600.00	42.28	91.09	8562.67	2.84 S	148.99 E	149.02
10.00						
8700.00	52.28	91.09	8630.43	4.24 S	222.35 E	222.39
10.00						
8800.00	62.28	91.09	8684.42	5.84 S	306.35 E	306.41
10.00						
8900.00	72.28	91.09	8723.00	7.60 S	398.46 E	398.53
10.00						
9000.00	82.28	91.09	8745.00	9.45 S	495.86 E	495.95
10.00						
9061.14	88.39	91.09	8749.97	10.62 S	556.76 E	556.86
10.00						
9100.00	88.39	91.09	8751.06	11.36 S	595.60 E	595.70
0.00						
9200.00	88.39	91.09	8753.87	13.26 S	695.54 E	695.66
0.00						
9300.00	88.39	91.09	8756.68	15.17 S	795.48 E	795.63
0.00						
9400.00	88.39	91.09	8759.49	17.07 S	895.42 E	895.59
0.00						
9500.00	88.39	91.09	8762.30	18.98 S	995.37 E	995.55
0.00						
9600.00	88.39	91.09	8765.11	20.88 S	1095.31 E	1095.51
0.00						
9700.00	88.39	91.09	8767.92	22.79 S	1195.25 E	1195.47
0.00						
9800.00	88.39	91.09	8770.73	24.70 S	1295.19 E	1295.43
0.00						
9900.00	88.39	91.09	8773.54	26.60 S	1395.13 E	1395.39
0.00						
10000.00	88.39	91.09	8776.35	28.51 S	1495.08 E	1495.35
0.00						
10100.00	88.39	91.09	8779.16	30.41 S	1595.02 E	1595.31
0.00						
10200.00	88.39	91.09	8781.97	32.32 S	1694.96 E	1695.27
0.00						
10300.00	88.39	91.09	8784.78	34.22 S	1794.90 E	1795.23
0.00						

Longhorn 28 Fee #1H_Plan #2_Report_07-22-10.txt

10400.00	88.39	91.09	8787.59	36.13 S	1894.85 E	1895.19
0.00						
10500.00	88.39	91.09	8790.40	38.03 S	1994.79 E	1995.15
0.00						
10600.00	88.39	91.09	8793.21	39.94 S	2094.73 E	2095.11
0.00						
10700.00	88.39	91.09	8796.02	41.85 S	2194.67 E	2195.07
0.00						
10800.00	88.39	91.09	8798.83	43.75 S	2294.62 E	2295.03
0.00						
10900.00	88.39	91.09	8801.64	45.66 S	2394.56 E	2394.99
0.00						
11000.00	88.39	91.09	8804.45	47.56 S	2494.50 E	2494.95
0.00						
11100.00	88.39	91.09	8807.26	49.47 S	2594.44 E	2594.91
0.00						
11200.00	88.39	91.09	8810.07	51.37 S	2694.39 E	2694.87
0.00						
11300.00	88.39	91.09	8812.88	53.28 S	2794.33 E	2794.84
0.00						
11375.60	88.39	91.09	8815.00	54.72 S	2869.89 E	2870.41
0.00						

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to WELL. Northings and Eastings are relative to Site.

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Slot and calculated along an Azimuth of 91.090° (Grid).

Coordinate System is North American Datum 1983 US State Plane 1983, New Mexico Eastern Zone.
Central meridian is -104.333°.
Grid Convergence at Surface is 0.187°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 11375.60ft., the Bottom Hole Displacement is 2870.41ft., in the Direction of 91.090° (Grid).