

DATE IN <u>2-23-10</u>	SUPPENSE	ENGINEER <u>Brooks</u>	LOGGED IN <u>2-23-10</u>	TYPE <u>NSL</u>	APP NO. <u>1005440849</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505

Devon
(6137)

Todd 26c Fed. #12

6159

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]

[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]

[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]

[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]

[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]

[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

- [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Katie A. McDonnell
Print or Type NameKatie A. McDonnell
SignatureLandman
Title2/23/2010
Datekatie.mcdonnell@dvn.com
e-mail Address



Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8160

405 235 3611 Phone
www.devonenergy.com

February 23, 2010

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: David Brooks

RE: Todd 26C Federal #12H
Section 26-T23S-R31E
Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, has drilled the referenced horizontal Lower Brushy Canyon Delaware well to a total vertical depth of approximately 8087' with a total measured depth of approximately 10,595'. As reflected on the attached C-102, the well has been permitted at a surface location of 330' FNL and 1980' FWL with a permitted bottom hole location of 2366' FSL and 1552' FWL of Section 26, Township 23 South, Range 31 East. During the drilling of this well, the actual well path inadvertently exceeded the 330' setback for a legal location in the 120 acre project area. Based on Devon's calculations approximately 295' (10,300' MD to 10,595' MD) of the horizontal wellbore is closer than the required 330' setback as required by OCD rules.

In accordance with Division rules, Devon respectfully requests that the Commission administratively approve this application for an unorthodox location with respect to that portion of the horizontal wellbore as described above in accordance with Division Rule 104(F) (3). This unorthodox location affects the leasehold interest owners in unit letter L. Devon is the division designated operator of Unit L therefore no further notice is required as to the affected parties.

Attached for your review you will find a land plat reflecting Devon as the only affected party, a structure map on top of the Bone Spring formation, a State of New Mexico form C-102, an Actual Well Profile Report prepared by Weatherford International Ltd.

Feel free to contact the undersigned at (405) 552-8040 if there are any concerns or questions regarding this application.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Katie A. McDonnell

Katie A. McDonnell
Landman

KM\Todd 26C Fed #12H UL
Enclosure

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Grande Rd., Artec, NM 87410

DISTRICT IV

1250 S. St. Francis Dr., Santa Fe, NM 87508

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87506Form C-109
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Ingle Wells DLW

API Number 30-015-36827	Pool Code 33745	Pool Name INGLE WELLS DELAWARE
Property Code	Property Name TODD "26C" FEDERAL COM	Well Number 12
OGHD No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY LP	Elevation 3427'

Surface Location

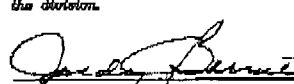
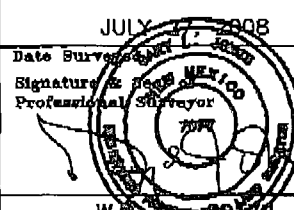
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
C	26	23 S	31 E		330	NORTH	1980	WEST	EDDY

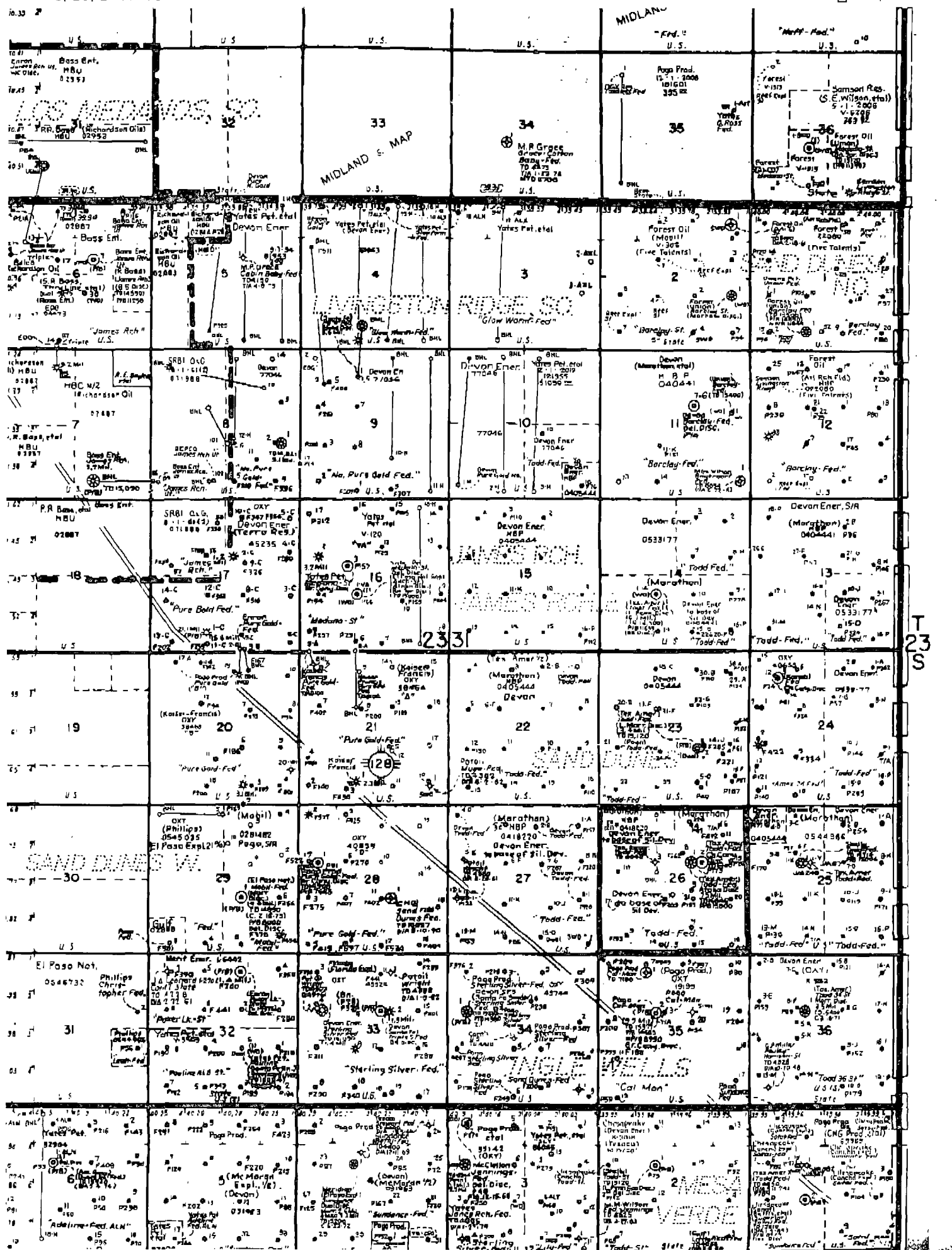
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
k	26	23 S	31 E		2366	SOUTH	1552	WEST	EDDY

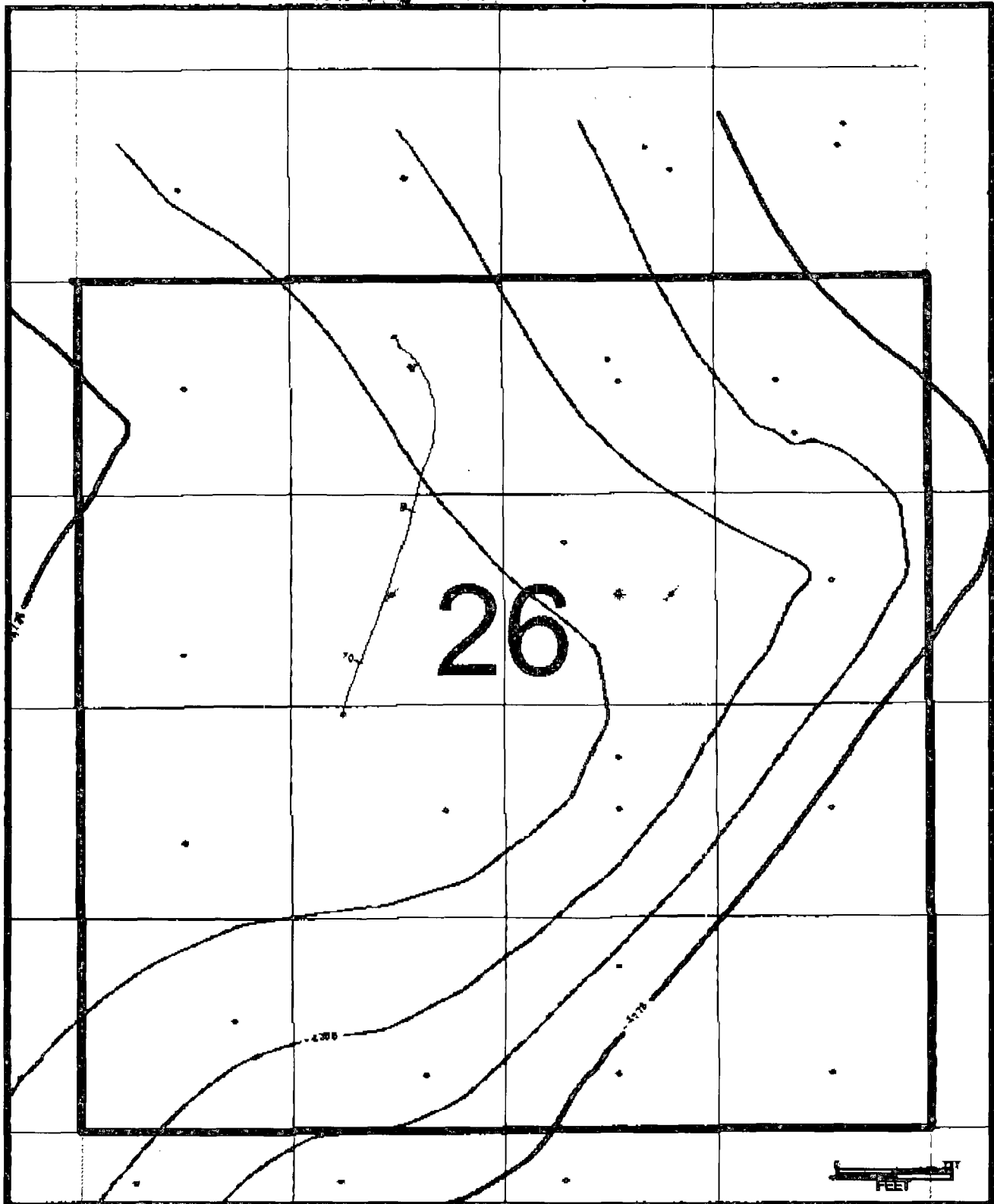
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

N: 487092.810 E: 718413.807 LAT: 32°16'37.874" LONG: -103°45'23.650" 1980' 3424.4' 3431.4' 330' 3429.2' 3430.2' N: 454430.735 E: 710428.318 LAT: 32°16'31.780" LONG: -103°45'25.558" 1552' 2366' N: 481783.377 E: 710442.063 LAT: 32°16'05.683" LONG: -103°45'23.063" N: 451801.138 E: 722080.251 LAT: 32°16'09.083" LONG: -103°44'56.838"	SURFACE LOCATION Lat - N32°16'54.58" Long - W103°45'02.50" SPC- N.: 488750.735 E.: 721385.279 (NAD-83) BOTTOM HOLE LOCATION Lat - N32°16'28.99" Long - W103°45'07.49" SPC- N.: 464162.270 E.: 720881.150 (NAD-83)	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 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 _____ Judy A. Barnett Printed Name Regulatory Analyst 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 17, 2008 Date Surveyed  Signature _____ Professional Surveyor W.S. 2008-0022 Certificate No. Gary L. Jones 7977 BASIN SURVEYS
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Bone Springs Structure - Sec. 26, T23S-R34E



devon

Todd 26C Federal Com #12
Eddy Co., New Mexico

Weatherford

SECTION DETAILS

Sec	MD	Inc	Asz	TYD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	8447.00	93.00	183.50	8101.63	-546.59	237.71	0.00	0.00	545.24	
2	8634.82	89.91	198.21	8095.86	-730.37	202.43	0.00	101.62	729.30	
3	10595.39	89.91	198.21	8100.00	-2592.73	-410.26	0.00	0.00	2594.85	POB P2

WELL DETAILS

Name	+N-S	+E-W	Northing	Bearing	Latitude	Longitude	Spot
M12	0.00	0.00	466750.73	71395.28	32°16'54.571N	100°45'02.517W	N/A

TARGET DETAILS

Name	TYD	+N-S	+E-W	Northing	Bearing	Shape
POB P2	8100.00	-2592.73	-410.26	466198.00	728985.00	Robot

FIELD DETAILS

Eddy Co., NM (NAD83)
Geodetic System: US State Plane Coordinate System 1983
Elev: GDS 1980
Zone: New Mexico Eastern Zone
Magnetic North: 1671200510
System Datum: Mean Sea Level
Local North: Grid North

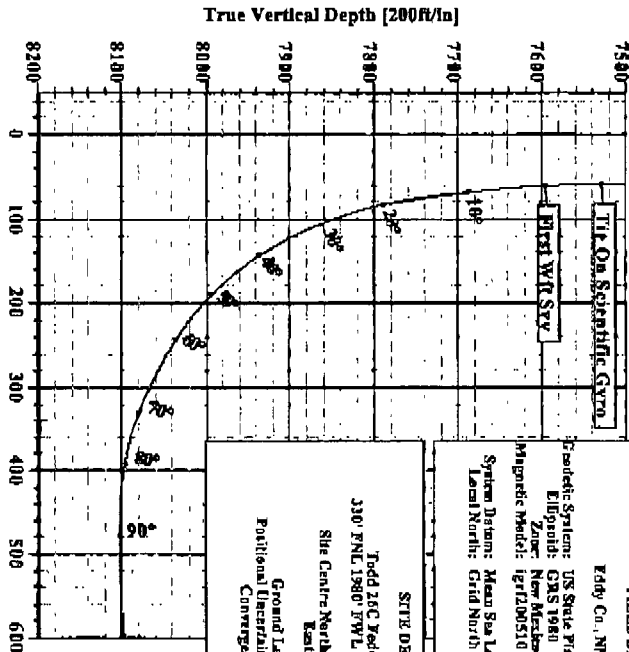
SITE DETAILS

Todd 26C Federal Com #12
330' FNL 1980 FWL of Sec 26 T2S R31E
Site Centre Northing: 466750.73
Easting: 721395.28
Ground Level: 3427.60
Positional Uncertainty: 0.01
Convergence: 0.51

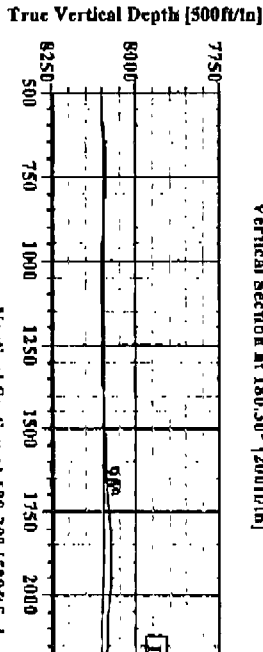
Proj To Bit Wellpath (812/1)

No	MD	Inc	Asz	TYD	+N-S	+E-W	DLeg	TFace	VSec
155	10595.00	90.80	196.20	8086.91	-2587.73	-413.85	0.00	0.00	2589.86

West-/East(+) [800ft/in]



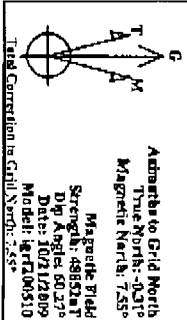
Vertical Section at 180.30° [200ft/in]



Vertical Section at 180.30° [500ft/in]

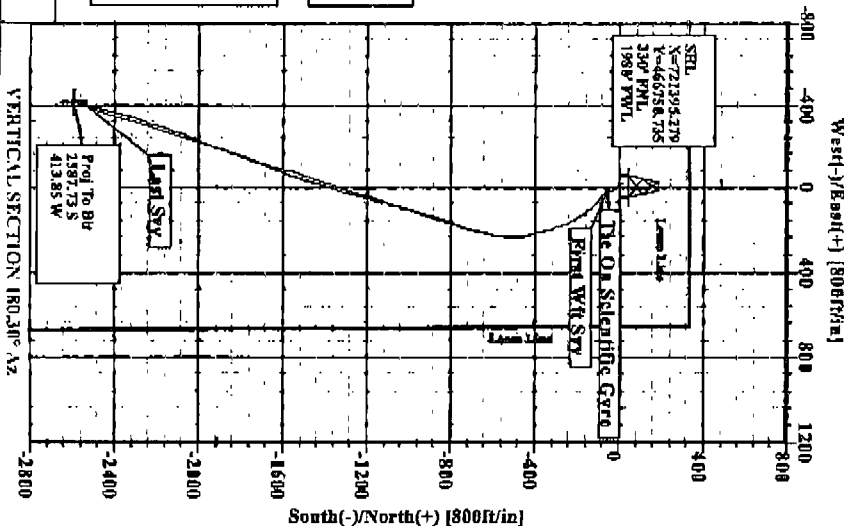
LEGEND

— M12, Wt Sy
— M12, Scientific Drilling Gyro
— M12, Plan 82



Wellpath: (812/1)

Created By: Russell W. Jinger Date: 11/12/2010





Weatherford International Ltd.

WFT Survey Report



Company: Devon Energy	Date: 1/11/2010	Time: 07:50:24	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: #12, Grid North		
Site: Todd 28C Federal Com #12	Vertical (TVD) Reference: SITE 3452.0		
Well: #12	Section (VS) Reference: Well (0.00N,0.00E,180.30Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey:	Start Date:
Company:	Engineer:
Tool:	Tied-to:

Field: Eddy Co., NM (NAD 83)

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igr200510

Site: Todd 28C Federal Com #12

330' FNL 1980' FWL of Sec 26 T23S R31E

Site Position:	Northing: 466750.73 ft	Latitude: 32 16 54.571 N
From: Map	Easting: 721395.28 ft	Longitude: 103 45 2.517 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3427.00 ft		Grid Convergence: 0.31 deg

Well: #12

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 466750.73 ft	Latitude: 32 16 54.571 N
+E/-W 0.00 ft	Easting: 721395.28 ft	Longitude: 103 45 2.517 W
Position Uncertainty: 0.00 ft		

Wellpath: 1

Current Datum: SITE	Height: 3452.00 ft	Drilled From: Surface
Magnetic Data: 10/21/2009		Tie-on Depth: 0.00 ft
Field Strength: 48862 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 7.86 deg
ft	+N/-S ft	Mag Dip Angle: 80.27 deg
		+E/-W ft
		Direction deg
0.00	0.00	0.00 180.30

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.32	200.85	100.00	-0.26	-0.10	0.26	0.32	0.32	0.00	
200.00	0.42	202.37	200.00	-0.88	-0.34	0.86	0.10	0.10	1.62	
300.00	0.71	222.06	299.98	1.66	-0.89	1.66	0.34	0.29	19.69	
400.00	0.92	238.28	399.98	-2.54	-1.99	2.55	0.31	0.21	16.22	
500.00	1.16	248.60	499.97	-3.33	-3.62	3.35	0.30	0.24	10.32	
600.00	1.28	258.42	599.94	-3.93	-5.65	3.96	0.24	0.12	9.82	
700.00	1.39	264.87	699.82	-4.47	-7.92	4.61	0.14	0.11	-3.66	
800.00	1.38	287.85	799.89	-4.42	-10.23	4.47	0.79	-0.01	32.98	
900.00	1.54	287.45	899.86	-3.64	-12.66	3.71	0.16	0.16	-0.40	
1000.00	1.33	279.99	999.82	-3.04	-15.09	3.12	0.28	-0.21	-7.46	
1100.00	1.15	280.94	1099.80	-2.66	-17.22	2.74	0.18	-0.18	0.95	
1200.00	1.06	271.06	1199.78	-2.44	-19.13	2.54	0.21	-0.09	-9.89	
1300.00	0.85	265.05	1299.77	-2.49	-20.80	2.60	0.22	-0.20	-6.00	
1400.00	0.83	258.13	1399.76	-2.68	-22.08	2.80	0.28	-0.23	-8.92	
1500.00	0.48	252.82	1499.76	-2.94	-23.01	3.06	0.15	-0.15	-3.31	
1600.00	0.05	304.03	1599.75	-3.04	-23.45	3.16	0.45	-0.43	51.21	
1700.00	0.14	27.63	1699.75	-2.91	-23.43	3.03	0.14	0.08	83.80	
1800.00	0.26	99.39	1799.75	-2.83	-23.15	2.96	0.25	0.12	71.76	
1900.00	0.56	69.32	1899.76	-2.70	-22.47	2.82	0.36	0.30	-30.07	
2000.00	0.49	57.89	1999.75	-2.30	-21.65	2.41	0.13	-0.07	-11.43	
2100.00	0.88	55.35	2099.74	-1.73	-20.80	1.84	0.19	0.19	-2.54	
2200.00	0.84	53.05	2199.73	-0.98	-19.71	1.08	0.16	0.16	-0.30	
2300.00	0.60	42.89	2299.72	-0.05	-18.63	0.14	0.18	-0.04	-12.16	



Weatherford International Ltd.

WFT Survey Report


Weatherford

Company: Devon Energy	Date: 1/11/2010	Time: 07:50:24	Page: 2
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #12, Grid North	
Site: Todd 26C Federal Com #12	Vertical (TVD) Reference:	SITE 3452.0	
Well: #12	Section (VS) Reference:	Well (0.00N,0.00E,180.30Az)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Adm deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
2400.00	1.14	43.38	2399.71	1.19	-17.48	-1.10	0.34	0.34	0.49	
2500.00	1.39	35.06	2499.68	2.90	-16.10	-2.82	0.31	0.26	-8.32	
2600.00	1.65	31.18	2599.65	5.13	-14.65	-5.05	0.28	0.26	-3.68	
2700.00	1.57	26.26	2699.61	7.59	-13.30	-7.52	0.16	-0.08	-4.92	
2800.00	1.59	32.16	2799.57	9.99	-11.96	-9.93	0.16	0.02	5.90	
2900.00	1.18	30.67	2899.54	12.05	-10.69	-11.09	0.41	-0.41	-1.29	
3000.00	0.82	4.10	2999.53	13.65	-10.11	-13.59	0.58	-0.36	-26.77	
3100.00	0.40	340.46	3099.52	14.89	-10.18	-14.64	0.48	-0.42	-23.64	
3200.00	0.13	250.51	3199.52	14.98	-10.40	-14.93	0.42	-0.27	-89.85	
3300.00	0.26	261.74	3299.52	14.87	-10.72	-14.82	0.13	0.13	1.23	
3400.00	0.54	229.85	3399.52	14.50	-11.30	-14.44	0.31	0.28	-21.89	
3500.00	0.58	231.61	3499.51	13.88	-12.08	-13.82	0.04	0.04	1.76	
3600.00	0.99	161.46	3599.50	12.75	-12.18	-12.88	0.98	0.41	-70.15	
3700.00	2.13	143.67	3699.47	10.43	-10.80	-10.37	1.23	1.14	17.79	
3800.00	2.37	144.74	3799.39	7.24	-8.51	-7.20	0.24	0.24	1.07	
3900.00	2.63	146.73	3899.28	3.37	-5.99	-3.34	0.59	0.56	3.99	
4000.00	3.36	146.03	3999.13	1.24	-3.02	1.26	0.45	0.43	-2.70	
4100.00	4.06	143.47	4098.92	-6.52	0.72	6.51	0.72	0.70	-2.56	
4200.00	3.85	143.75	4198.68	-12.14	4.87	12.11	0.11	-0.11	0.28	
4300.00	3.31	144.59	4298.48	-17.27	8.58	17.23	0.64	-0.64	0.84	
4400.00	2.61	149.15	4398.34	-21.58	11.42	21.52	0.74	-0.70	4.56	
4500.00	2.31	160.45	4498.25	-25.29	13.58	25.22	0.31	-0.30	1.30	
4600.00	2.03	149.05	4598.18	-28.56	15.48	28.48	0.28	-0.28	-1.40	
4700.00	1.77	161.13	4698.12	-31.43	17.14	31.34	0.27	-0.26	2.08	
4800.00	1.87	164.97	4798.07	-34.36	18.31	34.26	0.45	0.10	13.84	
4900.00	1.83	169.62	4898.02	-37.50	19.02	37.40	0.16	-0.04	4.65	
5000.00	1.58	171.27	4997.98	-40.44	19.52	40.34	0.25	-0.25	1.65	
5100.00	1.39	170.63	5097.94	-43.00	19.82	42.89	0.19	-0.19	-0.64	
5200.00	1.23	167.80	5197.82	-45.24	20.35	45.14	0.17	-0.16	-2.83	
5300.00	1.04	172.63	5297.90	-47.19	20.69	47.06	0.21	-0.19	4.83	
5400.00	0.82	172.71	5397.88	-48.86	20.91	48.78	0.12	-0.12	0.08	
5500.00	0.75	168.90	5497.87	-50.33	21.14	50.22	0.16	-0.17	-3.81	
5600.00	0.70	163.18	5597.86	-51.55	21.44	51.44	0.09	-0.05	-5.72	
5700.00	0.63	161.16	5697.86	-52.66	21.79	52.54	0.07	-0.07	-2.02	
5800.00	0.58	173.23	5797.85	-53.68	22.03	53.57	0.14	-0.05	12.07	
5900.00	0.40	160.91	5897.85	-54.51	22.20	54.40	0.21	-0.16	-12.32	
6000.00	0.38	148.47	5997.85	-55.13	22.49	55.01	0.09	-0.02	-12.44	
6100.00	0.42	139.61	6097.84	-55.69	22.80	55.57	0.07	0.04	-8.86	
6200.00	0.32	137.11	6197.84	-56.17	23.33	56.05	0.10	-0.10	-2.50	
6300.00	0.34	135.53	6297.84	-56.59	23.73	56.46	0.02	0.02	-1.58	
6400.00	0.29	154.02	6397.84	-57.03	24.05	56.90	0.11	-0.05	18.49	
6500.00	0.17	216.88	6497.84	-57.37	24.07	57.25	0.26	-0.12	62.88	
6600.00	0.26	257.41	6597.84	-57.54	23.76	57.42	0.17	0.09	40.53	
6700.00	0.20	245.15	6697.84	-57.67	23.36	57.54	0.08	-0.06	-12.26	
6800.00	0.34	279.61	6797.83	-57.69	22.93	57.57	0.21	0.14	34.46	
6900.00	0.44	262.67	6897.83	-57.69	22.25	57.57	0.15	0.10	-16.94	
7000.00	0.23	254.92	6997.83	-57.70	21.68	57.68	0.21	-0.21	-7.75	
7100.00	0.11	52.48	7097.83	-57.78	21.56	57.67	0.33	-0.12	157.58	
7200.00	0.13	20.27	7197.83	-57.62	21.68	57.50	0.07	0.02	-32.21	
7300.00	0.06	134.64	7297.83	-57.55	21.75	57.43	0.16	-0.07	114.37	
7400.00	0.15	177.85	7397.83	-57.72	21.80	57.60	0.11	0.09	43.01	
7500.00	0.58	142.50	7497.83	-58.25	22.11	58.13	0.47	0.43	-35.09	



Weatherford International Ltd.

WFT Survey Report


Weatherford

Company: Devon Energy
 Field: Eddy Co., NM (NAD 83)
 Site: Todd 26C Federal Com #12
 Well: #12
 Wellpath: 1

Date: 1/11/2010 Time: 07:50:24 Page: 3
 Co-ordinate(NE) Reference: Well: #12, Grid North
 Vertical (TVD) Reference: SITE 3452.0
 Section (VS) Reference: Well (0.00N,0.00E,180.30Az)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
7533.00	0.58	150.31	7530.83	-58.53	22.29	58.41	0.24	0.00	23.48	Tie On Scientific Gyro First Well Svy
7600.00	2.60	146.20	7587.79	-60.18	23.37	60.06	3.32	3.31	-6.13	
7631.00	5.40	140.10	7628.71	-61.93	24.73	61.80	8.49	8.39	-19.69	
7662.00	8.00	136.60	7659.50	-64.62	27.15	64.47	8.49	8.39	-11.29	
7694.00	10.20	131.80	7691.09	-66.12	30.79	67.96	7.27	6.87	-15.00	
7725.00	12.40	124.40	7721.49	-71.83	35.68	71.65	8.49	7.10	-23.87	
7756.00	15.00	124.10	7751.61	-75.96	41.66	75.75	8.39	6.39	-0.97	
7788.00	18.60	127.60	7782.24	-81.40	49.13	81.14	11.68	11.25	10.94	
7819.00	23.00	130.10	7811.21	-88.32	57.68	88.02	14.48	14.16	8.06	
7851.00	26.60	131.80	7840.23	-97.16	67.85	96.80	12.08	11.87	5.31	
7882.00	30.50	134.30	7867.43	-107.32	78.69	106.90	12.54	11.94	8.06	
7913.00	34.30	137.10	7893.60	-119.22	90.27	118.74	13.18	12.26	9.03	
7945.00	37.60	139.90	7919.50	-133.29	102.70	132.75	11.52	10.31	8.75	
7976.00	40.80	142.90	7943.53	-148.61	114.91	148.01	12.00	10.32	9.68	
8008.00	44.80	145.70	7987.00	-166.27	127.57	166.60	13.84	12.50	8.75	
8039.00	48.80	148.20	7988.22	-185.22	139.88	184.48	14.18	12.90	8.06	
8070.00	52.80	149.60	8007.81	-205.78	162.28	204.98	13.37	12.90	4.52	
8102.00	57.70	161.70	8026.05	-228.70	165.15	227.83	16.23	16.31	8.56	
8133.00	61.80	154.30	8041.71	-252.63	177.28	251.60	14.51	12.58	8.39	
8164.00	64.50	157.50	8055.76	-277.76	188.56	276.76	13.12	9.35	10.32	
8196.00	66.40	160.80	8069.06	-304.95	198.90	303.91	11.10	6.94	10.31	
8212.00	68.20	162.60	8075.23	-318.97	203.63	317.89	15.31	11.25	11.26	
8227.00	70.40	163.30	8080.54	-332.36	207.65	331.29	15.30	14.87	4.67	
8243.00	72.80	163.80	8086.59	-346.94	211.94	345.82	15.29	15.00	3.12	
8259.00	75.00	164.90	8090.02	-361.74	216.09	360.60	15.25	13.75	6.87	
8290.00	79.70	167.30	8096.81	-391.09	223.35	389.92	16.94	15.16	7.74	
8321.00	84.20	170.00	8101.15	-421.18	229.38	419.97	16.88	14.52	8.71	
8337.00	85.90	171.20	8102.53	-436.90	231.99	435.68	12.99	10.62	7.50	
8363.00	87.80	172.60	8103.44	-452.72	234.24	451.48	13.76	10.62	8.75	
8370.00	89.30	174.50	8103.90	-469.60	236.14	466.36	14.69	10.00	11.18	
8384.00	90.50	176.10	8103.92	-483.55	237.29	482.30	14.29	8.57	11.43	
8416.00	92.40	179.50	8103.11	-515.51	238.52	514.26	12.17	5.94	10.62	
8447.00	93.00	183.50	8101.65	-546.46	237.71	545.21	13.03	1.94	12.90	
8478.00	94.40	187.90	8099.85	-577.24	234.64	576.00	14.87	4.52	14.19	
8510.00	95.80	191.40	8096.78	-608.65	228.30	607.44	11.86	4.69	10.94	
8541.00	96.00	194.20	8093.83	-638.74	222.46	637.67	9.45	-2.90	9.03	
8573.00	92.60	196.90	8091.71	-669.50	213.90	668.37	11.27	-7.50	8.44	
8635.00	88.80	199.50	8090.95	-728.37	194.64	727.34	7.43	-6.13	4.19	
8667.00	88.70	199.70	8091.65	-756.61	183.81	757.54	0.70	-0.31	0.62	
8730.00	87.10	199.00	8093.98	-817.61	162.95	817.05	2.77	-2.54	-1.11	
8824.00	88.00	194.80	8097.98	-907.75	135.66	907.03	4.57	0.66	-4.47	
8918.00	87.50	195.10	8101.59	-998.50	111.43	997.90	0.53	-0.43	0.32	
9013.00	90.90	194.10	8102.83	-1090.41	87.49	1089.94	3.63	3.47	-1.05	
9107.00	90.50	196.00	8101.68	-1181.18	63.08	1180.83	2.07	-0.43	2.02	
9201.00	90.50	196.00	8100.86	-1271.53	37.17	1271.32	0.00	0.00	0.00	
9295.00	91.50	196.70	8099.22	-1361.71	10.72	1361.64	1.30	1.06	0.74	
9390.00	92.20	197.90	8096.16	-1452.37	17.52	1452.44	1.48	0.74	1.26	
9484.00	91.90	199.60	8092.79	-1541.34	-47.64	1541.57	1.73	-0.32	1.70	
9578.00	91.70	200.90	8089.84	-1629.62	-60.08	1629.91	1.50	-0.21	1.49	
9672.00	95.10	199.90	8084.27	-1717.45	-112.78	1718.02	3.77	3.62	1.06	
9703.00	95.20	200.60	8081.48	-1748.42	-123.47	1747.04	2.27	0.32	2.26	
9735.00	94.20	200.20	8078.88	-1776.31	-134.58	1776.99	3.96	-9.12	-1.25	
9768.00	92.00	199.70	8077.19	-1805.41	-145.15	1806.14	7.28	-7.10	1.61	



Weatherford International Ltd.

WFT Survey Report


Weatherford

Company: Devon Energy	Date: 1/11/2010	Time: 07:50:24	Page: 4
Field: Eddy Cd, NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #12, Grid North	
Site: Todd 26C Federal Corn #12	Vertical (TVD) Reference:	SITE 3452.0	
Well: #12	Section (VS) Reference:	Well (0.00N,0.00E,180.30Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
9797.00	92.00	200.90	8076.10	-1834.46	-155.89	1836.25	3.87	0.00	3.87	
9829.00	91.50	201.60	8075.13	-1864.27	-167.40	1865.12	2.69	-1.56	2.19	
9860.00	90.60	202.00	8074.66	-1893.05	-178.00	1893.96	3.18	-2.90	1.29	
9892.00	89.10	202.80	8074.64	-1922.83	-191.19	1923.61	5.31	-4.89	2.50	
9923.00	86.60	203.00	8075.81	-1951.17	-203.24	1952.21	8.09	-8.06	0.65	
9954.00	86.60	203.20	8077.64	-1979.63	-215.39	1980.74	0.64	0.00	0.65	
9986.00	86.40	202.10	8079.60	-2009.11	-227.69	2010.26	3.49	-0.62	-3.44	
10017.00	86.30	201.80	8081.57	-2037.80	-238.25	2039.03	1.02	-0.32	-0.97	
10048.00	86.50	201.80	8083.52	-2066.63	-250.74	2067.82	0.65	0.85	0.00	
10080.00	86.70	201.60	8085.42	-2096.21	-262.55	2087.56	0.88	0.62	-0.62	
10111.00	87.50	200.90	8086.96	-2125.06	-273.77	2128.47	3.43	2.56	-2.26	
10143.00	87.50	200.20	8088.38	-2155.00	-284.99	2156.46	2.19	0.00	-2.19	
10174.00	87.10	199.50	8089.84	-2184.13	-295.51	2185.64	2.60	-1.29	-2.26	
10206.00	87.10	199.90	8091.46	-2214.21	-308.28	2215.79	1.25	0.00	1.25	
10237.00	88.10	198.40	8092.76	-2243.47	-316.44	2245.10	5.81	3.23	-4.84	
10268.00	88.40	197.20	8093.70	-2272.97	-325.91	2274.66	3.99	0.97	-3.87	
10300.00	88.40	196.70	8094.60	-2303.67	-335.24	2305.30	1.56	0.00	-1.56	
10331.00	88.90	196.00	8095.06	-2333.31	-343.96	2335.08	5.34	4.84	-2.26	
10363.00	91.80	195.50	8094.68	-2364.11	-352.65	2365.92	6.14	5.94	-1.56	
10394.00	92.30	195.10	8093.47	-2393.99	-360.82	2395.85	2.07	1.81	-1.29	
10425.00	92.00	194.60	8092.31	-2423.92	-368.81	2425.82	1.37	-0.97	-0.97	
10457.00	92.20	194.60	8091.14	-2454.85	-376.93	2456.79	0.89	0.62	-0.62	
10488.00	92.80	194.60	8089.79	-2484.82	-384.74	2486.80	1.94	1.84	0.00	
10520.00	92.40	195.60	8088.33	-2515.68	-393.06	2517.71	3.88	-1.25	3.12	
10547.00	90.80	196.20	8087.58	-2541.64	-400.46	2543.70	6.33	-5.93	2.22	Last Svy
10595.00	90.80	196.20	8086.91	-2567.73	-413.85	2569.86	0.00	0.00	0.00	Proj To Bit

Annotation

MD ft	TVD ft	
7533.00	7530.83	Tie On Scientific Gyro
7600.00	7597.79	First Wft Svy
10547.00	8087.58	Last Svy
10595.00	8086.91	Proj To Bit

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Tuesday, February 23, 2010 3:31 PM
To: 'katie.mcdonnell@dvn.com'
Subject: Todd 26C Federal Com #12; NSL Application

Dear Ms. McDonnell

The Form C-102 attached to the referenced application does not indicate the project area. I am assuming that the project area comprises the three 40-acre units that the well penetrates, which are Units C, F and K of Section 26.

Based on that assumption, the path of the well encroaches toward Units E and L. You have not addressed ownership of Unit E. With respect to Unit L, you have indicated only that Devon is the operator of that unit. The fact that Devon is the operator of unit L obviates the need for notice only if working interest ownership is identical between Unit L and the project area. If there is a difference in working interest ownership, notice to other working interest owners would be required. The same applies to Unit E.

Please advise whether working interest ownership of Units E and L is identical to working interest ownership in the project area for this well, and if not indicate how you will satisfy any applicable notice requirement.

Sincerely

David K. Brooks
Legal Examiner

Brooks, David K., EMNRD

From: McDonnell, Katie [Katie.McDonnell@dvni.com]
Sent: Wednesday, February 24, 2010 6:58 AM
To: Brooks, David K., EMNRD
Subject: RE: Todd 26C Federal Com #12; NSL Application

Mr. Brooks,

Yes, you are correct we are also non-standard to both unit letters L and E, my oversight. Yes, the project area will consist of three 40 acre unit being NE/4 NW/4, SE/4 NW/4 & NE/4 SW/4. With regard to notice, the working interest ownership in the project area and unit letters E & L are identical. Please advise if you need additional information

Thanks!
Katie

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Tuesday, February 23, 2010 4:31 PM
To: McDonnell, Katie
Subject: Todd 26C Federal Com #12; NSL Application

Dear Ms. McDonnell

The Form C-102 attached to the referenced application does not indicate the project area. I am assuming that the project area comprises the three 40-acre units that the well penetrates, which are Units C, F and K of Section 26.

Based on that assumption, the path of the well encroaches toward Units E and L. You have not addressed ownership of Unit E. With respect to Unit L, you have indicated only that Devon is the operator of that unit. The fact that Devon is the operator of unit L obviates the need for notice only if working interest ownership is identical between Unit L and the project area. If there is a difference in working interest ownership, notice to other working interest owners would be required. The same applies to Unit E.

Please advise whether working interest ownership of Units E and L is identical to working interest ownership in the project area for this well, and if not indicate how you will satisfy any applicable notice requirement.

Sincerely

David K. Brooks
Legal Examiner

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