

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable, New Well and Recompleted Well *Amend C-104*

- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☒ Directional Survey *Certified*
 - ☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☒ C-103 Completion Sundry (or BLM equivalent) *Incomplete*
- ☒ C-105 Completion Report (or BLM equivalent) *Incomplete*
- ☐ All Logs Run on Well

If you have any questions please contact the local OCD District Office

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

AUG 26 2019

Submit one copy to appropriate District Office

RECEIVED

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address XTO Energy Inc. 6401 Holiday Hill Rd., Bldg 5 Midland, TX 79707		² OGRID Number 005380
		³ Reason for Filing Code/ Effective Date New Well
⁴ API Number 30 - 015-44387	⁵ Pool Name SWD; DEVONIAN	⁶ Pool Code 96101
⁷ Property Code 319403	⁸ Property Name CORRAL CANYON 16 STATE SWD	⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no. D	Section 16	Township 25S	Range 29E	Lot Idn	Feet from the 990	North/South Line North	Feet from the 1280	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	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 O/G/W
	SWD	

IV. Well Completion Data

²¹ Spud Date 09/20/18	²² Ready Date 08/03/19	²³ TD 16285	²⁴ PBTB 16285	²⁵ Perforations 0	²⁶ DHC, MC NO
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24	18.625	841	1865		
17.5	13.375	2940	2470		
12.25	9.625	10435	1521		
8.5	7	15183	1240		

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² 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: *Cheryl Rowell*

Printed name:
CHERYL ROWELL

Title:
REGULATORY COORDINATOR

E-mail Address:
CHERYL.ROWELL@XTOENERGY.COM

Date: 8/19/19

Phone:
432-571-8205

OIL CONSERVATION DIVISION

Approved by:

DENIED

Title:

See Attached Cover Sheet

Approval Date:

**Tbg. Size & Class Missing*

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30.015-44387	Pool Code 916/01	Pool Name SWD; Devonian
Property Code 319403	Property Name CORRAL CANYON 16 STATE SWD	
OGRID No. 005380	Operator Name XTO ENERGY	Well Number 1
		Elevation 3006'

Surface Location

UL or lot No. D	Section 16	Township 25-S	Range 29-E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 1280	East/West line WEST	County EDDY
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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				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Dedicated Acres 0</td> <td>Joint or Infill</td> <td>Consolidation Code</td> <td>Order No.</td> </tr> </table>										Dedicated Acres 0	Joint or Infill	Consolidation Code	Order No.
Dedicated Acres 0	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

	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=412811.0 N X=605211.8 E LAT.=32.134478° N LONG.=103.993439° W GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y=412869.3 N X=646396.4 E LAT.=32.134602° N LONG.=103.993925° W
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OPERATOR CERTIFICATION <i>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>	
<i>Stephanie Rabreau</i> Signature <i>Stephanie Rabreau</i> Printed Name <i>Stephanie.Rabreau@xtoenergy.com</i> E-mail Address	<i>8-7-17</i> Date
SURVEYOR CERTIFICATION <i>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.</i>	
JUNE 7, 2017 Date of Survey Signature of Professional Surveyor: <i>Ronald J. Eidson</i> Certificate Number: 12641 Ronald J. Eidson 3239 ACK JWSC W.O.: 17 11.0545	

WELLBENDERS DIRECTIONAL SERVICES

SURVEY REPORT

ADD
NEW
SURVEY

Customer: 0
Lease / Well: 0
Field / Block: 0

Rig Name & #: 0
Directional Co: WELLBENDERS
Targ Meas Depth: 0

Targ True Vert. Depth: 0
Magnetic Declination: 0
Target Vertical Section: 0.00

Enter your Tie-In information on the coversheet!

v1.3

DATE	NO.	DEPTH	INC	AZM	CL	TVD	VS	+N / -S	+E / -W	DLS	B / D	WALK	SOURCE
	Tie	0	0.00	0.00	0	0	0.00	0.00 N	0.00 E	0.00	0.00	0.00	Tie IN
	1	4410	1.90	127.90	4410	4409.19	-44.91	44.91 S	57.69 E	0.04	0.04	2.90	WellBenders
	2	4504	1.80	125.10	94	4503.14	-46.72	46.72 S	60.13 E	0.14	-0.11	-2.98	WellBenders
	3	4598	1.80	125.90	94	4597.10	-48.43	48.43 S	62.53 E	0.03	0.00	0.85	WellBenders
	4	4691	1.90	244.60	93	4690.07	-49.95	49.95 S	62.32 E	3.42	0.11	127.63	WellBenders
	5	4785	1.80	129.60	94	4784.05	-51.56	51.56 S	62.05 E	3.32	-0.11	-122.34	WellBenders
	6	4785	1.70	136.00	0	0.00	0.00	0.00 N	0.00 E	#DIV/0!	#DIV/0!	#DIV/0!	WellBenders
	7	4879	1.71	136.91	94	93.96	-2.03	2.03 S	1.93 E	0.03	0.01	0.97	WellBenders
	8	4973	2.02	142.45	94	187.91	-4.36	4.36 S	3.89 E	0.38	0.33	5.89	WellBenders
	9	5067	2.02	137.52	94	281.85	-6.90	6.90 S	6.02 E	0.18	0.00	-5.24	WellBenders
	10	5161	2.02	144.47	94	375.79	-9.47	9.47 S	8.10 E	0.26	0.00	7.39	WellBenders
	11	5256	2.02	142.80	95	470.73	-12.17	12.17 S	10.09 E	0.06	0.00	-1.76	WellBenders
	12	5350	1.80	147.37	94	564.68	-14.73	14.73 S	11.89 E	0.28	-0.23	4.86	WellBenders
	13	5444	1.80	146.40	94	658.63	-17.20	17.20 S	13.50 E	0.03	0.00	-1.03	WellBenders
	14	5538	1.80	150.79	94	752.59	-19.72	19.72 S	15.04 E	0.15	0.00	4.67	WellBenders
	15	5632	1.71	152.73	94	846.54	-22.26	22.26 S	16.40 E	0.11	-0.10	2.06	WellBenders
	16	5725	1.58	152.73	93	939.51	-24.63	24.63 S	17.62 E	0.14	-0.14	0.00	WellBenders
	17	5819	1.8	151.9	94	1033.46	-27.08	27.08 S	18.91 E	0.24	0.23	-0.94	WellBenders
	18	5914	1.8	158.7	95	1128.42	-29.79	29.79 S	20.16 E	0.23	0.00	7.22	WellBenders
	19	6008	1.8	157.2	94	1222.37	-32.52	32.52 S	21.27 E	0.05	0.00	-1.60	WellBenders
	20	6103	1.7	162.0	95	1317.33	-35.25	35.25 S	22.28 E	0.18	-0.09	5.08	WellBenders
	21	6198	1.6	276.7	95	1412.31	-36.44	36.44 S	21.42 E	2.92	-0.14	120.74	WellBenders
	22	6384	1.5	172.9	186	1598.27	-38.54	38.54 S	19.17 E	1.30	-0.05	-55.85	WellBenders
	23	6478	1.6	165.0	94	1692.23	-41.01	41.01 S	19.66 E	0.24	0.10	-8.41	WellBenders
	24	6573	1.5	174.7	95	1787.20	-43.50	43.50 S	20.12 E	0.29	-0.09	10.26	WellBenders
	25	6668	1.2	177.9	95	1882.17	-45.72	45.72 S	20.27 E	0.33	-0.32	3.34	WellBenders
	26	6763	1.2	192.8	95	1977.15	-47.66	47.66 S	20.08 E	0.33	0.00	15.73	WellBenders
	27	6858	1.4	198.3	95	2072.13	-49.74	49.74 S	19.50 E	0.27	0.23	5.74	WellBenders
	28	6952	1.5	198.0	94	2166.10	-52.00	52.00 S	18.76 E	0.09	0.09	-0.29	WellBenders
	29	7047	1.7	204.4	95	2261.06	-54.46	54.46 S	17.79 E	0.30	0.23	6.76	WellBenders
	30	7142	1.5	189.1	95	2356.02	-56.97	56.97 S	17.01 E	0.50	-0.23	-16.09	WellBenders
	31	7236	1.3	199.5	94	2450.00	-59.20	59.20 S	16.46 E	0.32	-0.18	11.03	WellBenders
	32	7331	1.2	208.5	95	2544.97	-61.10	61.10 S	15.62 E	0.25	-0.14	9.43	WellBenders
	33	7426	1.0	228.0	95	2639.96	-62.53	62.53 S	14.53 E	0.43	-0.19	20.54	WellBenders
	34	7521	1.0	228.5	95	2734.94	-63.64	63.64 S	13.28 E	0.01	0.00	0.56	WellBenders
	35	7615	1.4	228.0	94	2828.92	-64.97	64.97 S	11.80 E	0.43	0.43	-0.56	WellBenders
	36	7709	1.3	224.8	94	2922.89	-66.51	66.51 S	10.18 E	0.12	-0.10	-3.36	WellBenders
	37	7804	1.2	238.3	95	3017.87	-67.80	67.80 S	8.57 E	0.34	-0.14	14.16	WellBenders
	38	7899	1.5	244.8	95	3112.85	-68.85	68.85 S	6.61 E	0.35	0.32	6.84	WellBenders
	39	7991	1.7	232.7	92	3204.81	-70.19	70.19 S	4.44 E	0.44	0.24	-13.09	WellBenders
	40	8086	1.8	234.6	95	3299.77	-71.92	71.92 S	2.10 E	0.11	0.09	1.94	WellBenders
	41	8181	2.0	240.3	95	3394.71	-73.61	73.61 S	0.57 W	0.31	0.23	6.02	WellBenders
	42	8274	2.2	227.2	93	3487.65	-75.64	75.64 S	3.31 W	0.55	0.19	-14.09	WellBenders
	43	8368	1.5	213.1	94	3581.60	-77.89	77.89 S	5.30 W	0.89	-0.76	-14.96	WellBenders
	44	8462	1.6	188.4	94	3675.57	-80.19	80.19 S	6.15 W	0.70	0.10	-26.28	WellBenders
	45	8555	1.4	185.3	93	3768.54	-82.60	82.60 S	6.45 W	0.20	-0.18	-3.40	WellBenders
	46	8648	1.6	207.1	93	3861.51	-84.88	84.88 S	7.13 W	0.64	0.18	23.53	WellBenders
	47	8743	1.8	204.1	95	3956.46	-87.41	87.41 S	8.34 W	0.25	0.23	-3.23	WellBenders
	48	8838	1.9	218.0	95	4051.42	-90.01	90.01 S	9.91 W	0.48	0.09	14.71	WellBenders
	49	8933	2.2	215.0	95	4146.36	-92.73	92.73 S	11.93 W	0.34	0.33	-3.15	WellBenders
	50	9028	2.6	198.2	95	4241.27	-96.27	96.27 S	13.64 W	0.84	0.41	-17.76	WellBenders
	51	9121	3.1	195.7	93	4334.16	-100.70	100.70 S	14.98 W	0.58	0.57	-2.65	WellBenders
	52	9213	2.5	198.3	92	4426.05	-105.02	105.02 S	16.29 W	0.68	-0.66	2.77	WellBenders
	53	9307	2.5	197.6	94	4519.96	-108.94	108.94 S	17.56 W	0.03	0.00	-0.76	WellBenders
	54	9401	2.2	202.8	94	4613.88	-112.56	112.56 S	18.88 W	0.40	-0.33	5.62	WellBenders
	55	9494	2.2	202.1	93	4706.81	-115.86	115.86 S	20.24 W	0.03	0.00	-0.76	WellBenders
	56	9587	2.3	202.8	93	4799.74	-119.23	119.23 S	21.64 W	0.10	0.10	0.76	WellBenders
	57	9680	2.1	202.0	93	4892.67	-122.53	122.53 S	23.00 W	0.20	-0.19	-0.85	WellBenders
	58	9775	2.4	208.5	95	4987.59	-125.91	125.91 S	24.61 W	0.42	0.33	6.84	WellBenders
	59	9868	2.3	208.8	93	5080.52	-129.27	129.27 S	26.45 W	0.14	-0.14	0.28	WellBenders
	60	9963	2.2	205.2	95	5175.44	-132.58	132.58 S	28.14 W	0.18	-0.09	-3.79	WellBenders
	61	10058	2.4	199.5	95	5270.37	-136.12	136.12 S	29.58 W	0.33	0.23	-6.01	WellBenders

DATE	NO.	DEPTH	INC	AZM	CL	TVD	VS	+N / -S	+E / -W	DLS	B / D	WALK	SOURCE
	62	10152	2.4	206.3	94	5364.28	-139.77	139.77 S	31.12 W	0.30	0.00	7.19	WellBenders
	63	10247	2.4	203.1	95	5459.20	-143.41	143.41 S	32.80 W	0.14	0.00	-3.33	WellBenders
	64	10342	2.6	207.2	95	5554.11	-147.17	147.17 S	34.57 W	0.26	0.18	4.35	WellBenders
	65	10363	2.5	202.1	21	5575.09	-148.01	148.01 S	34.96 W	1.15	-0.38	-24.29	WellBenders
	66	10407	2.3	207.0	44	5619.05	-149.69	149.69 S	35.72 W	0.68	-0.50	11.18	WellBenders
	67	10501	2.5	203.7	94	5712.96	-153.25	153.25 S	37.40 W	0.28	0.23	-3.54	WellBenders
	68	10595	2.7	212.8	94	5806.87	-156.98	156.98 S	39.42 W	0.47	0.18	9.63	WellBenders
	69	10689	2.3	215.0	94	5900.78	-160.37	160.37 S	41.68 W	0.43	-0.41	2.43	WellBenders
	70	10782	2.0	222.4	93	5993.71	-163.10	163.10 S	43.86 W	0.42	-0.29	7.95	WellBenders
	71	10876	1.9	224.3	94	6087.66	-165.43	165.43 S	46.06 W	0.15	-0.14	1.96	WellBenders
	72	10971	1.7	219.3	95	6182.61	-167.65	167.65 S	48.05 W	0.25	-0.19	-5.27	WellBenders
	73	11065	1.8	226.6	94	6276.57	-169.75	169.75 S	50.01 W	0.26	0.10	7.77	WellBenders
	74	11159	1.7	227.3	94	6370.52	-171.72	171.72 S	52.11 W	0.10	-0.10	0.74	WellBenders
	75	11253	1.5	228.1	94	6464.49	-173.49	173.49 S	54.05 W	0.24	-0.23	0.84	WellBenders
	76	11347	1.2	228.1	94	6558.46	-174.96	174.96 S	55.68 W	0.32	-0.32	0.00	WellBenders
	77	11442	1.0	226.1	95	6653.44	-176.20	176.20 S	57.02 W	0.19	-0.19	-2.03	WellBenders
	78	11537	1.3	216.6	95	6748.42	-177.65	177.65 S	58.28 W	0.38	0.33	-10.00	WellBenders
	79	11632	1.8	221.4	95	6843.39	-179.65	179.65 S	59.91 W	0.52	0.51	5.00	WellBenders
	80	11726	2.0	222.3	94	6937.34	-181.98	181.98 S	62.01 W	0.24	0.23	1.03	WellBenders
	81	11820	2.3	213.5	94	7031.27	-184.78	184.78 S	64.16 W	0.46	0.29	-9.45	WellBenders
	82	11914	2.4	218.3	94	7125.19	-187.90	187.90 S	66.42 W	0.25	0.14	5.14	WellBenders
	83	12009	2.3	219.0	95	7220.11	-190.95	190.95 S	68.86 W	0.14	-0.14	0.75	WellBenders
	84	12103	2.2	230.5	94	7314.04	-193.56	193.56 S	71.43 W	0.49	-0.10	12.24	WellBenders
	85	12198	2.0	233.2	95	7408.97	-195.72	195.72 S	74.18 W	0.22	-0.19	2.78	WellBenders
	86	12292	2.1	237.6	94	7502.91	-197.64	197.64 S	76.97 W	0.20	0.10	4.77	WellBenders
	87	12387	1.8	248.4	95	7597.86	-199.12	199.12 S	79.83 W	0.51	-0.33	11.38	WellBenders
	88	12482	2.0	251.6	95	7692.81	-200.20	200.20 S	82.81 W	0.26	0.23	3.34	WellBenders
	89	12575	1.6	256.1	93	7785.76	-201.03	201.03 S	85.61 W	0.50	-0.47	4.82	WellBenders
	90	12669	1.9	258.6	94	7879.72	-201.64	201.64 S	88.39 W	0.34	0.33	2.71	WellBenders
Gyro	91	12770	2.0	116.5	101	7980.69	-202.75	202.75 S	88.46 W	3.62	0.09	-140.77	WellBenders
Gyro	92	12864	1.8	116.7	94	8074.64	-204.14	204.14 S	85.68 W	0.18	-0.18	0.30	WellBenders
Gyro	93	12957	1.5	108.7	93	8167.60	-205.18	205.18 S	83.24 W	0.45	-0.38	-8.69	WellBenders
Gyro	94	13051	1.4	110.1	94	8261.58	-205.95	205.95 S	81.06 W	0.11	-0.11	1.54	WellBenders
Gyro	95	13145	1.3	114.4	94	8355.55	-206.76	206.76 S	79.06 W	0.14	-0.09	4.55	WellBenders
Gyro	96	13239	0.9	69.4	94	8449.54	-206.94	206.94 S	77.41 W	0.96	-0.40	-47.91	WellBenders
	97	13342	1.4	10.2	103	8552.52	-205.38	205.38 S	76.43 W	1.21	0.52	-57.47	WellBenders
	98	13436	2.0	345.3	94	8646.48	-202.63	202.63 S	76.64 W	0.98	0.60	26.50	WellBenders
	99	13530	0.8	223.9	93.5	8739.96	-201.51	201.51 S	77.49 W	2.67	-1.30	-129.79	WellBenders
	100	13623	0.5	286.1	93.4	8833.35	-201.85	201.85 S	78.35 W	0.76	-0.27	66.63	WellBenders
	101	13717	0.6	288.7	93.8	8927.15	-201.58	201.58 S	79.21 W	0.06	0.05	2.71	WellBenders
	102	13810	0.4	282.2	93.3	9020.44	-201.35	201.35 S	80.00 W	0.18	-0.17	-6.96	WellBenders
	103	13905	0.5	297.6	94.7	9115.14	-201.11	201.11 S	80.67 W	0.13	0.03	16.23	WellBenders
	104	13999	1.1	335.7	94.1	9209.23	-200.13	200.13 S	81.36 W	0.83	0.67	40.49	WellBenders
	105	14093	1.0	315.9	93.8	9303.02	-198.76	198.76 S	82.26 W	0.40	-0.14	-21.08	WellBenders
	106	14187	0.9	301.6	94	9397.01	-197.82	197.82 S	83.44 W	0.25	-0.05	-15.21	WellBenders
	107	14280	0.9	288.7	93.8	9490.79	-197.19	197.19 S	84.78 W	0.22	0.02	-13.78	WellBenders
	108	14374	1.0	264.2	93.9	9584.68	-197.03	197.03 S	86.27 W	0.42	0.03	-26.08	WellBenders
	109	14468	1.2	260.8	93.6	9678.27	-197.43	197.43 S	87.97 W	0.38	0.28	-14.24	WellBenders
	110	14561	1.4	252.1	93.5	9771.74	-198.11	198.11 S	90.01 W	0.23	0.22	1.34	WellBenders
	111	14655	1.4	247.6	93.3	9865.01	-198.92	198.92 S	92.19 W	0.12	0.02	-4.77	WellBenders
	112	14748	1.4	245.1	93.4	9958.38	-199.85	199.85 S	94.32 W	0.07	-0.03	-2.67	WellBenders
	113	14842	1.4	245.7	93.8	10052.15	-200.81	200.81 S	96.43 W	0.03	0.02	0.61	WellBenders
	114	14935	1.6	252.7	93.4	10145.52	-201.68	201.68 S	98.74 W	0.27	0.18	7.46	WellBenders
	115	14978	1.3	263.0	42.9	10188.41	-201.92	201.92 S	99.80 W	0.91	-0.68	24.06	WellBenders
	116	14989	0.9	278.8	10.8	10199.21	-201.92	201.92 S	100.00 W	4.83	-3.98	145.93	WellBenders
	117	15083	0.6	259.2	94	10293.20	-201.91	201.91 S	101.21 W	0.38	-0.28	-20.85	WellBenders
	118	15220	1.4	212.1	137	10430.18	-203.47	203.47 S	102.84 W	0.79	0.58	-34.39	WellBenders
	119	15314	2.3	225.8	94	10524.13	-205.76	205.76 S	104.80 W	1.04	0.94	14.60	WellBenders
	120	15408	3.2	230.3	94	10618.02	-208.75	208.75 S	108.17 W	1.01	0.98	4.86	WellBenders
	121	15502	2.90	233.24	94	10711.89	-211.86	211.86 S	112.10 W	0.37	-0.33	3.09	WellBenders
	122	15596	2.02	222.69	94	10805.80	-214.50	214.50 S	115.13 W	1.05	-0.94	-11.22	WellBenders
	123	15690	1.49	227.61	94	10899.75	-216.54	216.54 S	117.15 W	0.59	-0.56	5.23	WellBenders
	124	15783	1.71	200.10	93	10992.72	-218.66	218.66 S	118.52 W	0.85	0.24	-29.58	WellBenders
	125	15877	1.89	175.40	94	11086.67	-221.52	221.52 S	118.88 W	0.84	0.19	-26.28	WellBenders
	126	15971	2.02	171.27	94	11180.62	-224.70	224.70 S	118.51 W	0.20	0.14	-4.39	WellBenders
	127	16065	1.80	175.05	94	11274.57	-227.81	227.81 S	118.13 W	0.27	-0.23	4.02	WellBenders
	128	16158	2.51	165.30	93	11367.50	-231.24	231.24 S	117.48 W	0.86	0.76	-10.48	WellBenders
													WellBenders
													WellBenders
													WellBenders
													WellBenders

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., 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 NM OIL CONSERVATION Energy, Minerals and Natural Resources ARTESIA DISTRICT AUG 26 2019 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
		1. WELL API NO. 30-015-44387								
		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name CORRAL CANYON 16 STATE SWD 6. Well Number: 1				
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER Injection										
8. Name of Operator XTO ENERGY INC.						9. OGRID 005380				
10. Address of Operator 6401 HOLIDAY HILL ROAD, BLDG 5, MIDLAND, TX 79707						11. Pool name or Wildcat SWD; Devonian				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	16	25S	29E		990	N	1280	W	EDDY
BH:										
13. Date Spudded 9/20/18	14. Date T.D. Reached 01/17/19 *	15. Date Rig Released 01/27/19		16. Date Completed (Ready to Produce) 08/03/19 *		17. Elevations (DF and RKB, RT, GR, etc.) 3006				
* 18. Total Measured Depth of Well 16285		19. Plug Back Measured Depth 16285		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run Resistivity				
22. Producing Interval(s), of this completion - Top, Bottom, Name 6" open hole 15183-16285' Devonian Disposal										
CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT. *		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
S 18.625				841		24		1865		
I 13.375				2940		17.5		2470		
P 9.625				10435		12.25		1521		
L 7				15183		8.5		1240		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
7	10000 ✓	15183 ✓				SIZE	DEPTH SET	PACKER SET		
						5.5/4.5	15125	15125		
26. Perforation record (interval, size, and number) No perfs, open hole						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 15183-16285 acidize with 20,000 gals 20% HCL.				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) N/A						30. Test Witnessed By				
31. List Attachments C-102, C-104, DIRECTIONAL SURVEY, Resistivity Log										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.						33. Rig Release Date:				
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude			NAD83			
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Cheryl Rowell</i>		Printed Name CHERYL ROWELL		Title REGULATORY COORDINATOR			Date 8/22/19			
E-mail Address cheryl_rowell@xtoenergy.com										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 520	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 823	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2766	T. Atoka 12517	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss 14811	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian 15214	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 6794	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 9941	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology



NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 25 2019

RECEIVED

Mewbourne Oil Company

Eddy County, N.M. Nad (83)
Section 32-23S-28E Zeppelin 32
Zeppelin 32 W0LI State Com 3H

Original Hole

Design: Original Hole

Standard Survey Report

08 July, 2019

STRYKER
DIRECTIONAL



Microsoft
Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Zeppelin 32 WOLI State Com 3H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Site:	Section 32-23S-28E Zeppelin 32	MD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Well:	Zeppelin 32 WOLI State Com 3H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

Project	Eddy County, N.M. 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	Section 32-23S-28E Zeppelin 32				
Site Position:		Northing:	457,396.60 usft	Latitude:	32° 15' 26.185 N
From:	Map	Easting:	608,120.50 usft	Longitude:	104° 7' 2.247 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.12 °

Well	Zeppelin 32 WOLI State Com 3H				
Well Position	+N/-S	0.0 usft	Northing:	457,396.60 usft	Latitude: 32° 15' 26.185 N
	+E/-W	0.0 usft	Easting:	608,120.50 usft	Longitude: 104° 7' 2.247 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	27.0 usft	Ground Level: 3,098.0 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	06/03/19	7.00	59.98	47,700.71988835

Design	Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	86.54	

Survey Program	Date	07/08/19			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	306.0	Phoenix Tech Survey (Original Hole)	NSG-CT_WL	Continuous north-seeking gyro on wireline	
436.0	14,325.0	MWD Survey (Original Hole)	MWD+IGRF	OWSG MWD + IGRF or WMM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.23	153.98	100.0	-0.2	0.1	0.1	0.23	0.23	0.00	
200.0	0.31	144.17	200.0	-0.6	0.3	0.3	0.09	0.08	-9.81	
300.0	0.91	230.90	300.0	-1.3	-0.1	-0.2	0.94	0.60	86.73	
306.0	0.68	245.47	306.0	-1.3	-0.2	-0.3	5.07	-3.83	242.83	
306.0' MD Phoenix Gyro										
436.0	2.00	251.20	436.0	-2.4	-3.0	-3.2	1.02	1.02	4.41	
617.0	0.60	101.40	616.9	-3.6	-5.1	-5.3	1.40	-0.77	-82.76	
738.0	0.30	131.50	737.9	-3.9	-4.2	-4.5	0.31	-0.25	24.88	
928.0	0.80	167.20	927.9	-5.6	-3.6	-3.9	0.31	0.26	18.79	



Microsoft
Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Zeppelin 32 WOLI State Com 3H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Site:	Section 32-23S-28E Zeppelin 32	MD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Well:	Zeppelin 32 WOLI State Com 3H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,118.0	0.40	171.60	1,117.9	-7.5	-3.2	-3.6	0.21	-0.21	2.32
1,307.0	0.40	192.00	1,306.9	-8.8	-3.2	-3.8	0.07	0.00	10.79
1,495.0	0.40	207.30	1,494.9	-10.0	-3.7	-4.3	0.06	0.00	8.14
1,684.0	0.80	121.00	1,683.9	-11.3	-2.8	-3.5	0.46	0.21	-45.66
1,873.0	1.60	109.90	1,872.8	-12.9	0.8	0.0	0.44	0.42	-5.87
2,061.0	2.00	47.10	2,060.8	-11.5	5.6	4.9	1.01	0.21	-33.40
2,251.0	0.70	79.70	2,250.7	-9.1	9.2	8.7	0.77	-0.68	17.16
2,439.0	0.80	88.90	2,438.7	-8.8	11.7	11.1	0.08	0.05	4.89
2,464.0	0.70	87.40	2,463.7	-8.8	12.0	11.4	0.41	-0.40	-6.00
2,543.0	0.50	76.20	2,542.7	-8.7	12.8	12.3	0.29	-0.25	-14.18
2,669.0	2.10	313.40	2,668.7	-7.0	11.7	11.2	1.91	1.27	-97.46
2,764.0	4.10	310.60	2,763.5	-3.6	7.8	7.6	2.11	2.11	-2.95
2,954.0	4.10	306.90	2,953.0	4.9	-2.8	-2.5	0.14	0.00	-1.95
3,143.0	4.10	306.30	3,141.5	13.0	-13.6	-12.8	0.02	0.00	-0.32
3,331.0	3.60	298.40	3,329.1	19.7	-24.2	-23.0	0.39	-0.27	-4.20
3,521.0	3.90	317.90	3,518.7	27.4	-33.8	-32.1	0.69	0.16	10.26
3,710.0	3.90	319.00	3,707.3	37.0	-42.3	-40.0	0.04	0.00	0.58
3,900.0	3.60	314.60	3,896.9	46.1	-50.8	-48.0	0.22	-0.16	-2.32
4,089.0	3.30	310.20	4,085.5	53.7	-59.2	-55.9	0.21	-0.16	-2.33
4,278.0	3.30	312.20	4,274.2	60.9	-67.4	-63.6	0.06	0.00	1.06
4,467.0	3.10	311.60	4,462.9	67.9	-75.2	-71.0	0.11	-0.11	-0.32
4,656.0	3.90	301.20	4,651.6	74.7	-84.6	-79.9	0.54	0.42	-5.50
4,846.0	3.90	312.90	4,841.1	82.4	-94.8	-89.7	0.42	0.00	6.16
5,035.0	3.30	311.20	5,029.8	90.4	-103.6	-98.0	0.32	-0.32	-0.90
5,225.0	2.90	304.00	5,219.5	96.7	-111.7	-105.7	0.29	-0.21	-3.79
5,415.0	4.00	309.60	5,409.1	103.6	-120.8	-114.3	0.60	0.58	2.95
5,604.0	4.00	321.20	5,597.7	112.9	-130.0	-123.0	0.43	0.00	6.14
5,793.0	3.40	326.10	5,786.3	122.7	-137.3	-129.6	0.36	-0.32	2.59
5,983.0	3.10	297.50	5,976.0	129.8	-145.0	-136.9	0.86	-0.16	-15.05
6,173.0	4.20	294.00	6,165.6	135.0	-155.9	-147.5	0.59	0.58	-1.84
6,361.0	4.00	319.90	6,353.1	142.8	-166.4	-157.5	0.98	-0.11	13.78
6,550.0	3.30	304.10	6,541.8	150.9	-175.2	-165.7	0.65	-0.37	-8.36
6,740.0	2.10	280.40	6,731.6	154.6	-183.1	-173.5	0.85	-0.63	-12.47
6,929.0	3.70	300.30	6,920.3	158.3	-191.8	-181.9	0.99	0.85	10.53
7,118.0	3.30	327.30	7,109.0	165.9	-200.0	-189.6	0.89	-0.21	14.29
7,308.0	3.20	327.90	7,298.7	175.0	-205.8	-194.8	0.06	-0.05	0.32
7,498.0	2.90	326.10	7,488.4	183.5	-211.3	-199.8	0.17	-0.16	-0.95
7,687.0	3.70	311.80	7,677.1	191.5	-218.5	-206.5	0.60	0.42	-7.57
7,877.0	2.90	312.10	7,866.8	198.8	-226.6	-214.2	0.42	-0.42	0.16
8,066.0	4.60	317.50	8,055.4	207.6	-235.3	-222.3	0.92	0.90	2.86
8,255.0	3.30	310.50	8,243.9	216.7	-244.5	-231.0	0.73	-0.69	-3.70
8,444.0	4.00	284.10	8,432.5	221.9	-255.1	-241.2	0.95	0.37	-13.97
8,633.0	3.90	337.30	8,621.1	229.4	-263.9	-249.6	1.87	-0.05	28.15



Microsoft
Survey Report



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Project:	Eddy County, N.M. Nad (83)	TVD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Site:	Section 32-23S-28E Zeppelin 32	MD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Well:	Zeppelin 32 WOLI State Com 3H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,822.0	2.10	352.50	8,809.9	238.8	-266.9	-252.0	1.03	-0.95	8.04
8,916.0	0.70	338.20	8,903.9	241.0	-267.3	-252.3	1.52	-1.49	-15.21
8,962.2	0.53	326.42	8,950.1	241.5	-267.5	-252.5	0.46	-0.37	-25.50
B.B. Zeppelin 32 WOLI St Com 3H									
9,009.0	0.40	305.20	8,996.8	241.7	-267.8	-252.7	0.46	-0.28	-45.34
9,063.0	0.50	75.30	9,050.8	241.9	-267.7	-252.6	1.51	0.19	240.93
9,110.0	5.40	83.30	9,097.8	242.2	-265.3	-250.2	10.44	10.43	17.02
9,157.0	11.50	84.40	9,144.2	242.9	-258.4	-243.3	12.98	12.98	2.34
9,204.0	17.90	83.20	9,189.7	244.3	-246.6	-231.4	13.63	13.62	-2.55
9,251.0	23.50	83.60	9,233.6	246.2	-230.1	-214.8	11.92	11.91	0.85
9,298.0	29.10	86.50	9,275.7	247.9	-209.4	-194.0	12.22	11.91	6.17
9,346.0	33.10	90.10	9,316.8	248.6	-184.6	-169.3	9.19	8.33	7.50
9,393.0	37.80	89.90	9,355.1	248.6	-157.3	-142.1	10.00	10.00	-0.43
9,441.0	44.00	90.00	9,391.4	248.6	-125.9	-110.7	12.92	12.92	0.21
9,488.0	48.40	89.30	9,423.9	248.8	-92.0	-76.8	9.42	9.36	-1.49
9,535.0	53.30	89.40	9,453.6	249.2	-55.6	-40.4	10.43	10.43	0.21
9,582.0	58.10	89.40	9,480.0	249.6	-16.8	-1.7	10.21	10.21	0.00
9,630.0	62.90	89.20	9,503.7	250.2	25.0	40.0	10.01	10.00	-0.42
9,677.0	67.30	88.20	9,523.5	251.1	67.6	82.6	9.56	9.36	-2.13
9,724.0	72.40	87.60	9,539.6	252.8	111.7	126.7	10.92	10.85	-1.28
9,771.0	76.70	87.70	9,552.2	254.6	156.9	172.0	9.15	9.15	0.21
9,819.0	81.10	88.60	9,561.4	256.1	204.0	219.1	9.35	9.17	1.88
9,847.0	82.90	89.00	9,565.3	256.7	231.7	246.8	6.58	6.43	1.43
9,925.0	89.00	88.30	9,570.8	258.5	309.5	324.5	7.87	7.82	-0.90
9,957.0	88.70	88.90	9,571.4	259.3	341.4	356.5	2.10	-0.94	1.88
10,051.0	87.80	89.00	9,574.3	261.0	435.4	450.3	0.96	-0.96	0.11
10,094.4	88.67	89.55	9,575.7	261.6	478.8	493.7	2.37	2.00	1.26
LP Zeppelin 32 WOLI St Com 3H									
10,146.0	89.70	90.20	9,576.4	261.7	530.4	545.2	2.37	2.00	1.26
10,240.0	90.50	90.80	9,576.2	260.9	624.3	639.0	1.06	0.85	0.64
10,336.0	88.00	90.90	9,577.5	259.5	720.3	734.7	2.61	-2.60	0.10
10,430.0	87.40	91.00	9,581.3	257.9	814.2	828.3	0.65	-0.64	0.11
10,525.0	87.60	90.50	9,585.4	256.7	909.1	923.0	0.57	0.21	-0.53
10,619.0	86.60	88.00	9,590.2	257.9	1,003.0	1,016.7	2.86	-1.06	-2.66
10,714.0	87.30	87.90	9,595.2	261.3	1,097.8	1,111.6	0.74	0.74	-0.11
10,809.0	86.80	86.40	9,600.1	266.0	1,192.6	1,206.4	1.66	-0.53	-1.58
10,903.0	89.60	88.50	9,603.1	270.2	1,286.4	1,300.4	3.72	2.98	2.23
10,998.0	89.40	90.30	9,603.9	271.2	1,381.4	1,395.2	1.91	-0.21	1.89
11,092.0	88.10	92.00	9,605.9	269.3	1,475.3	1,488.9	2.28	-1.38	1.81
11,187.0	88.30	92.00	9,608.9	266.0	1,570.2	1,583.4	0.21	0.21	0.00
11,282.0	87.30	91.50	9,612.6	263.1	1,665.1	1,678.0	1.18	-1.05	-0.53
11,376.0	88.20	92.70	9,616.3	259.6	1,759.0	1,771.4	1.59	0.96	1.28
11,471.0	89.70	91.50	9,618.0	256.2	1,853.9	1,866.0	2.02	1.58	-1.26
11,566.0	88.70	91.40	9,619.3	253.8	1,948.9	1,960.6	1.06	-1.05	-0.11



Microsoft
Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Zeppelin 32 W0LI State Com 3H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Site:	Section 32-23S-28E Zeppelin 32	MD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Well:	Zeppelin 32 W0LI State Com 3H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,661.0	87.00	91.30	9,622.9	251.5	2,043.8	2,055.2	1.79	-1.79	-0.11
11,755.0	87.60	89.70	9,627.3	250.7	2,137.7	2,148.9	1.82	0.64	-1.70
11,850.0	88.90	88.40	9,630.2	252.3	2,232.6	2,243.7	1.93	1.37	-1.37
11,944.0	90.90	88.20	9,630.4	255.1	2,326.5	2,337.7	2.14	2.13	-0.21
12,039.0	87.40	88.40	9,631.8	257.9	2,421.5	2,432.6	3.69	-3.68	0.21
12,133.0	85.10	87.00	9,637.9	261.6	2,515.2	2,526.4	2.86	-2.45	-1.49
12,227.0	86.80	89.70	9,644.6	264.3	2,608.9	2,620.1	3.39	1.81	2.87
12,322.0	88.70	91.80	9,648.3	263.1	2,703.8	2,714.8	2.98	2.00	2.21
12,417.0	88.10	91.30	9,651.0	260.5	2,798.7	2,809.4	0.82	-0.63	-0.53
12,511.0	87.70	91.00	9,654.4	258.6	2,892.7	2,903.0	0.53	-0.43	-0.32
12,606.0	91.40	91.40	9,655.1	256.6	2,987.6	2,997.7	3.92	3.89	0.42
12,701.0	89.70	91.00	9,654.2	254.7	3,082.6	3,092.3	1.84	-1.79	-0.42
12,796.0	90.90	92.40	9,653.7	251.8	3,177.5	3,186.9	1.94	1.26	1.47
12,890.0	88.70	91.20	9,654.1	248.9	3,271.5	3,280.5	2.67	-2.34	-1.28
12,985.0	89.10	92.00	9,655.9	246.2	3,366.4	3,375.2	0.94	0.42	0.84
13,080.0	84.50	89.70	9,661.2	244.8	3,461.2	3,469.7	5.41	-4.84	-2.42
13,175.0	85.70	89.30	9,669.3	245.7	3,555.9	3,564.2	1.33	1.26	-0.42
13,270.0	86.50	89.30	9,675.8	246.8	3,650.7	3,658.9	0.84	0.84	0.00
13,364.0	87.20	88.40	9,680.9	248.7	3,744.5	3,752.7	1.21	0.74	-0.96
13,459.0	90.40	87.70	9,682.9	251.9	3,839.4	3,847.6	3.45	3.37	-0.74
13,554.0	91.30	87.10	9,681.5	256.2	3,934.3	3,942.6	1.14	0.95	-0.63
13,648.0	91.80	88.00	9,679.0	260.3	4,028.2	4,036.5	1.09	0.53	0.96
13,743.0	88.80	88.40	9,678.5	263.2	4,123.1	4,131.5	3.19	-3.16	0.42
13,838.0	88.50	88.40	9,680.7	265.9	4,218.1	4,226.4	0.32	-0.32	0.00
13,933.0	87.20	88.00	9,684.3	268.9	4,312.9	4,321.3	1.43	-1.37	-0.42
14,027.0	88.30	88.50	9,688.0	271.7	4,406.8	4,415.2	1.29	1.17	0.53
14,122.0	85.10	88.50	9,693.4	274.2	4,501.6	4,510.0	3.37	-3.37	0.00
14,217.0	82.20	86.80	9,703.9	278.1	4,595.9	4,604.3	3.53	-3.05	-1.79
14,256.0	82.50	86.70	9,709.1	280.3	4,634.5	4,643.0	0.81	0.77	-0.26
14,325.0	82.50	86.70	9,718.1	284.2	4,702.8	4,711.4	0.00	0.00	0.00
14325.0' Projected to Bit - PBHL Zeppelin 32 W0LI St Com 3H									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
306.0	306.0	-1.3	-0.2	306.0' MD Phoenix Gyro
14,325.0	9,718.1	284.2	4,702.8	14325.0' Projected to Bit



COMPANY: Mewbourne Oil Company
WELL: Zeppelin 32 WOLI State Com 3H
COUNTY: Eddy County, N.M. Nad (83)
DATUM: North American Datum 1983
RIG: Patterson Patterson 217



OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.88°

GEODETTIC ZONE: New Mexico Eastern Zone
3098 + 27 @ 3125.0usft (Patterson 217)
GROUND ELEVATION: 3098.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	457396.60	608120.50	32° 15' 26.185 N	104° 7' 2.247 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2600.0	0.00	0.00	2600.0	0.0	0.0	0.00	0.00	0.0	
3	2828.4	3.43	311.86	2828.3	4.6	-5.1	1.50	311.86	-4.8	
4	8732.4	3.43	311.86	8721.7	240.0	-267.9	0.00	0.00	-254.5	
5	8960.8	0.00	0.00	8950.0	244.5	-272.9	1.50	180.00	-259.4	B.B. Zeppelin 32 WOLI St Com 3H
6	9098.6	0.00	0.00	9087.8	244.5	-272.9	0.00	0.00	-259.4	
7	9833.8	88.23	89.89	9565.0	245.4	189.7	12.00	89.89	202.7	
8	14355.7	88.23	89.89	9705.0	254.0	4709.5	0.00	0.00	4716.3	PBHL Zeppelin 32 WOLI St Com 3H

