

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD Artesia

FORM APPROVED
OMB No 1004-0135
Expires: January 31, 2004

RM

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

2. Name of Operator
Mewbourne Oil Company 14744

3a. Address
PO Box 5270 Hobbs, NM 88240

3b. Phone No. (include area code)
575-393-5905

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
1050' FSL & 1905' FEL, Unit O, Sec 29-T18S-R30E
990' FSL 330' FEL Unit M

5. Lease Serial No.
LC-068402

6. If Indian, Allottee or Tribe Name
RECEIVED
MAR 08 2010

7. If Unit or CA Agreement, Name and/or No.
NMOCD ARTESIA

8. Well Name and No.
Bradley 29 Federal Com #1

9. API Well No.
30-015-37481

10. Field and Pool, or Exploratory Area
Santo Nino Bone Spring

11. County or Parish, State
Eddy County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Please see attachments for plan.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

[Signature] for Jackie Lathan

Date 03/03/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name
(Printed/Typed)

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED

Title
MAR 3 2010
Date

WESLEY W. INGRAM

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

D. Q. 3-15-10

Additional information for converting Bradley 29 Fed Com #1 vertical well to a horizontal Bone Springs test:

Est KOP (kick off point) @ 7678' MD.

Est. EOC (end of curve) @ 8584' MD (8251' TVD).

Est. TD @ 11056' MD (8225' TVD).

MOC proposes to "dress off" kick-off plug to 7678' MD. We will then pick up directional tools & drill to horizontal. We will continue to drill horizontally to TD as stated.

Mud properties will be as follows: Cut Brine, MW 8.4-8.8 PPG, Vis 32-36, Fluid loss 20-30.

Production casing will be: 5 1/2", 17#, P-110, LT&C & BT&C from 11056' to surface.

Option one (1): Plans are to run a Packer/Port type completion system. An ECP & FO Cementer (Port Collar) will be placed at 7600-7500' MD. After all casing has been run & hole has been circulated clean, we will activate all packers. We will then set the wellhead slips, ND drilling equipment, NU tubing spool, NU completion BOPE, RD & MO drilling rig. MOC plans to test BOPE to 1000#, install pressure gauges on both the 9 5/8" annulus & 5 1/2" casing & install a pressure release valve on the annulus plumbed to a tank. MI completion unit as soon as drilling equipment is off hole. Run tbg with opening tool, cement the casing to surface with 750 sks of Light Class "H" (yield @ 2.54 cuft/sk) & 400 sks of Class "H" (yield @ 1.18 cuft/sk). If cement does not circulate, then a log will be utilized to determine that the TOC is a minimum of 200' inside the 9 5/8" casing @ 3500'. Then normal operations will begin. A MOC employee will monitor the well twice daily or more depending on conditions.

Option two (2): If hole conditions do not allow option one to be put in place, the drilling rig will run tbg with opening tool, cement the casing as previously stated & normal operations will continue.

If you have any questions, please call.

Thank You
Micky Young

**Bradley 29 Federal Com #1
30-015-37481
Mewbourne Oil Company
March 3, 2010
Condition of Approval**

The BLM (575-361-2822) is to be notified immediately if pressure is detected on the 9-5/8" by 5-1/2" annulus and the 5-1/2" casing during the time period while the rig is being moved and the completion unit is installed. Operator to notify BLM when drilling rig is removed and when completion unit is connected to the well.

WWI 030310

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV
1820 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-37A81	Pool Code 5A600	Pool Name Santo Domingo Base Spring
Property Code 37976	Property Name BRADLEY "29" FEDERAL COM	Well Number 1
OGRID No. 1A7AA	Operator Name MEWBOURNE OIL COMPANY	Elevation 3432'

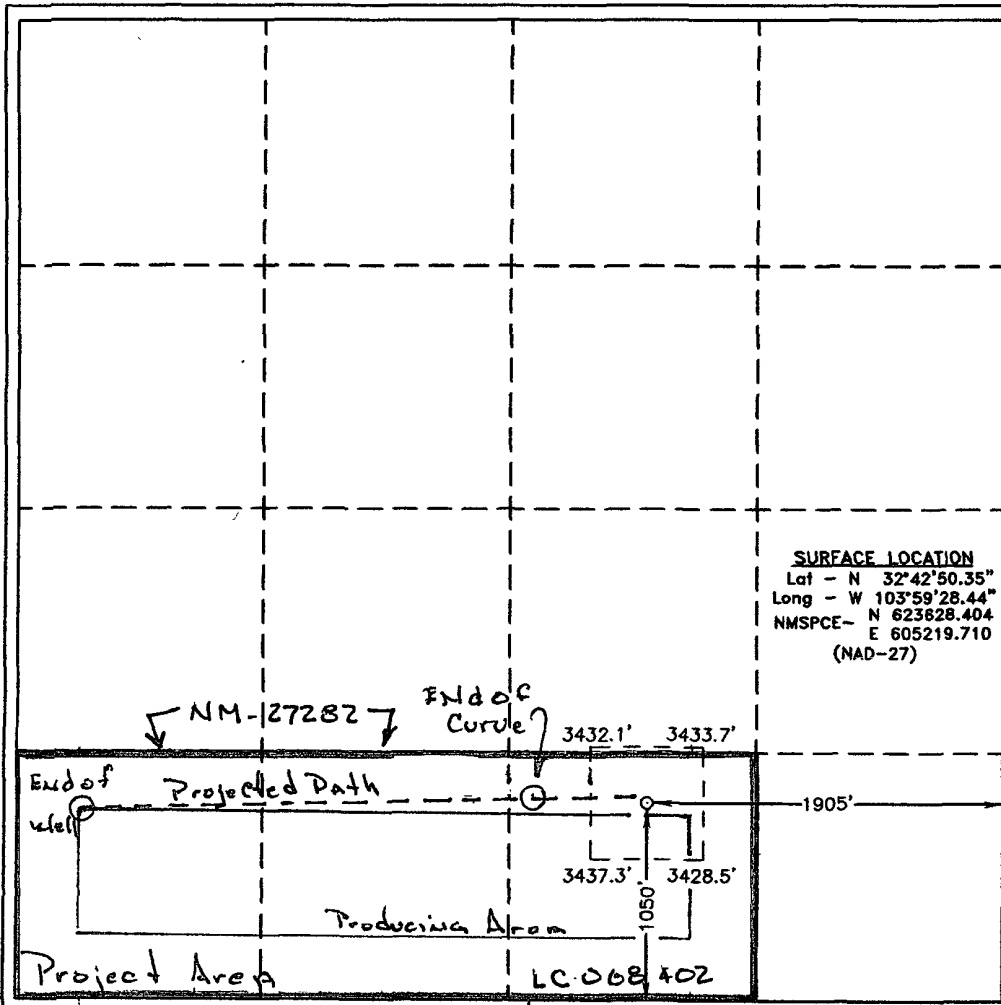
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	29	18 S	30 E		1050	SOUTH	1905	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
M	29	18 S	30 E		990	South	330	West	Eddy
Dedicated Acres 120	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

	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: <u>G. M. Young</u> Date: <u>3/3/10</u> Printed Name: <u>G. M. Young</u> 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. AUGUST 11, 2009 Date Surveyed Signature & Seal of Professional Surveyor W. Q. Jones Certificate No. Gary L. Jones 7977 BASIN SURVEYS
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Mewbourne Oil Company

Mewbourne Oil Company

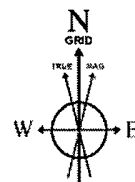
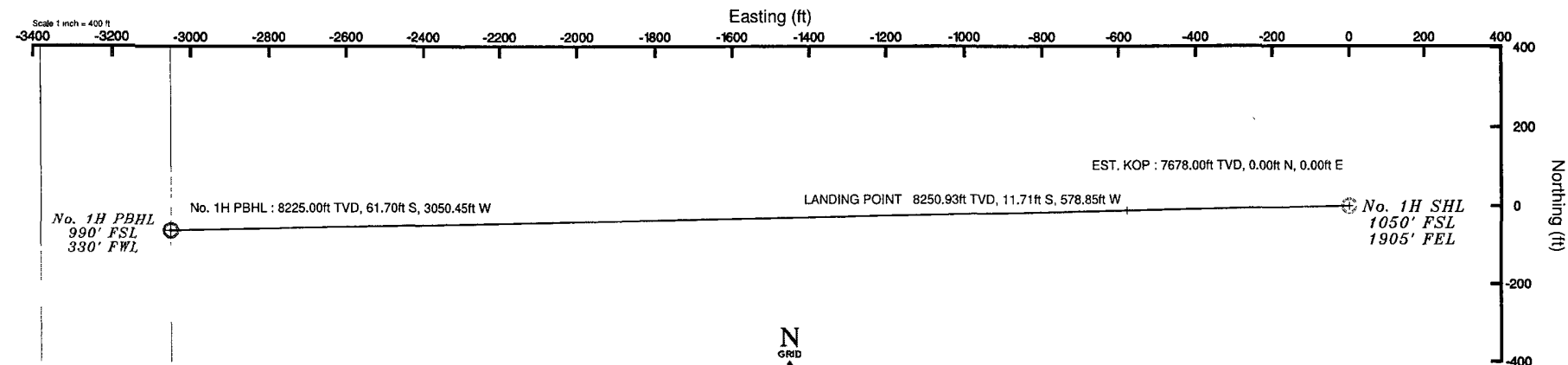
Location: Eddy County, NM
Field: (Bradley) Sec 29, T18S, R30E
Facility: Bradley 29 Fed Com No. 1H

Slot: No. 1H SHL
Well: No. 1H
Wellbore: No. 1H PWB

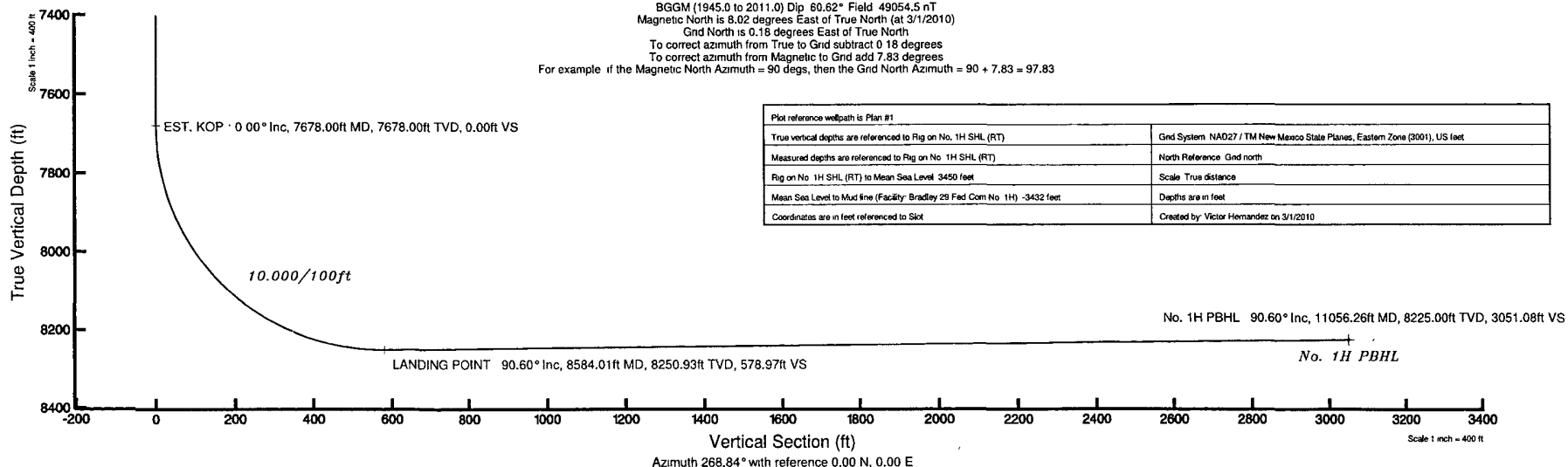
**BAKER
HUGHES**
INTEQ

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (%/100ft)	VS (ft)
Tie On	0.00	0.000	268.841	0.00	0.00	0.00	0.00	0.00
EST. KOP	7678.00	0.000	268.841	7678.00	0.00	0.00	0.00	0.00
LANDING POINT	8584.01	90.601	268.841	8250.93	-11.71	-578.85	10.00	578.97
No. 1H PBHL	11056.26	90.601	268.841	8225.00	-61.70	-3050.45	0.00	3051.08



BGGM (1945.0 to 2011.0) Dip 60.62° Field 49054.5 nT
Magnetic North is 8.02 degrees East of True North (at 3/1/2010)
Grid North is 0.18 degrees East of True North
To correct azimuth from True to Grid subtract 0.18 degrees
To correct azimuth from Magnetic to Grid add 7.83 degrees
For example if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.83 = 97.83



Plot reference wellpath is Plan #1	
True vertical depths are referenced to Rig on No. 1H SHL (RT)	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No. 1H SHL (RT)	North Reference: Grid north
Rig on No. 1H SHL (RT) to Mean Sea Level 3450 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Bradley 29 Fed Com No. 1H) -3432 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: Victor Hernandez on 3/1/2010

Planned Wellpath Report

Plan #1
Page 1 of 3

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H PWB
Facility	Bradley 29 Fed Com No. 1H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999922	Report Generated	3/1/2010 at 5:38:23 PM
Convergence at slot	0.18° East	Database/Source file	WA_Midland/No. 1H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	605219.71	623628.40	32°42'50.345"N	103°59'28.437"W
Facility Reference Pt			605219.71	623628.40	32°42'50.345"N	103°59'28.437"W
Field Reference Pt			605219.71	623628.40	32°42'50.345"N	103°59'28.437"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 1H SHL (RT) to GL	18.00ft
Horizontal Reference Pt	Slot	Rig on No. 1H SHL (RT) to Mean Sea Level	3450.00ft
Vertical Reference Pt	Rig on No. 1H SHL (RT)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 1H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	268.84°

Planned Wellpath Report

Plan #1

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REFERENCE WELLPATH IDENTIFICATION

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Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H PWB
Facility	Bradley 29 Fed Com No. 1H		

WELLPATH DATA (37 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	268.841	0.00	0.00	0.00	0.00	605219.71	623628.40	32°42'50.345"N	103°59'28.437"W	0.00	Tie On
7678.00	0.000	268.841	7678.00	0.00	0.00	0.00	605219.71	623628.40	32°42'50.345"N	103°59'28.437"W	0.00	EST. KOP
7778.00†	10.000	268.841	7777.49	8.70	-0.18	-8.70	605211.01	623628.22	32°42'50.344"N	103°59'28.539"W	10.00	
7878.00†	20.000	268.841	7873.96	34.55	-0.70	-34.55	605185.17	623627.70	32°42'50.339"N	103°59'28.842"W	10.00	
7978.00†	30.000	268.841	7964.48	76.76	-1.55	-76.75	605142.97	623626.85	32°42'50.332"N	103°59'29.335"W	10.00	
8078.00†	40.000	268.841	8046.29	134.05	-2.71	-134.02	605085.70	623625.69	32°42'50.323"N	103°59'30.006"W	10.00	
8178.00†	50.000	268.841	8116.91	204.67	-4.14	-204.63	605015.10	623624.26	32°42'50.311"N	103°59'30.832"W	10.00	
8278.00†	60.000	268.841	8174.20	286.48	-5.79	-286.42	604933.31	623622.61	32°42'50.297"N	103°59'31.790"W	10.00	
8378.00†	70.000	268.841	8216.40	376.99	-7.62	-376.92	604842.82	623620.78	32°42'50.282"N	103°59'32.849"W	10.00	
8478.00†	80.000	268.841	8242.25	473.46	-9.58	-473.37	604746.38	623618.83	32°42'50.265"N	103°59'33.978"W	10.00	
8578.00†	90.000	268.841	8250.96	572.96	-11.59	-572.84	604646.92	623616.81	32°42'50.249"N	103°59'35.142"W	10.00	
8584.01	90.601	268.841	8250.93	578.97	-11.71	-578.85	604640.91	623616.69	32°42'50.248"N	103°59'35.212"W	10.00	LANDING POINT
8678.00†	90.601	268.841	8249.94	672.95	-13.61	-672.81	604546.95	623614.79	32°42'50.232"N	103°59'36.312"W	0.00	
8778.00†	90.601	268.841	8248.89	772.95	-15.63	-772.79	604446.98	623612.77	32°42'50.215"N	103°59'37.482"W	0.00	
8878.00†	90.601	268.841	8247.84	872.94	-17.65	-872.76	604347.02	623610.75	32°42'50.198"N	103°59'38.652"W	0.00	
8978.00†	90.601	268.841	8246.79	972.94	-19.68	-972.74	604247.05	623608.72	32°42'50.181"N	103°59'39.822"W	0.00	
9078.00†	90.601	268.841	8245.75	1072.93	-21.70	-1072.71	604147.08	623606.70	32°42'50.165"N	103°59'40.993"W	0.00	
9178.00†	90.601	268.841	8244.70	1172.93	-23.72	-1172.69	604047.12	623604.68	32°42'50.148"N	103°59'42.163"W	0.00	
9278.00†	90.601	268.841	8243.65	1272.92	-25.74	-1272.66	603947.15	623602.66	32°42'50.131"N	103°59'43.333"W	0.00	
9378.00†	90.601	268.841	8242.60	1372.91	-27.77	-1372.63	603847.19	623600.64	32°42'50.114"N	103°59'44.503"W	0.00	
9478.00†	90.601	268.841	8241.55	1472.91	-29.79	-1472.61	603747.22	623598.61	32°42'50.097"N	103°59'45.673"W	0.00	
9578.00†	90.601	268.841	8240.50	1572.90	-31.81	-1572.58	603647.25	623596.59	32°42'50.080"N	103°59'46.843"W	0.00	
9678.00†	90.601	268.841	8239.45	1672.90	-33.83	-1672.56	603547.29	623594.57	32°42'50.063"N	103°59'48.013"W	0.00	
9778.00†	90.601	268.841	8238.40	1772.89	-35.85	-1772.53	603447.32	623592.55	32°42'50.047"N	103°59'49.183"W	0.00	
9878.00†	90.601	268.841	8237.36	1872.89	-37.88	-1872.50	603347.36	623590.53	32°42'50.030"N	103°59'50.354"W	0.00	
9978.00†	90.601	268.841	8236.31	1972.88	-39.90	-1972.48	603247.39	623588.50	32°42'50.013"N	103°59'51.524"W	0.00	
10078.00†	90.601	268.841	8235.26	2072.88	-41.92	-2072.45	603147.42	623586.48	32°42'49.996"N	103°59'52.694"W	0.00	
10178.00†	90.601	268.841	8234.21	2172.87	-43.94	-2172.43	603047.46	623584.46	32°42'49.979"N	103°59'53.864"W	0.00	
10278.00†	90.601	268.841	8233.16	2272.86	-45.97	-2272.40	602947.49	623582.44	32°42'49.962"N	103°59'55.034"W	0.00	
10378.00†	90.601	268.841	8232.11	2372.86	-47.99	-2372.37	602847.53	623580.42	32°42'49.945"N	103°59'56.204"W	0.00	

Planned Wellpath Report

Plan #1

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H PWB
Facility	Bradley 29 Fed Com No. 1H		

WELLPATH DATA (37 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
10478.00†	90.601	268.841	8231.06	2472.85	-50.01	-2472.35	602747.56	623578.39	32°42'49.928"N	103°59'57.374"W	0.00	
10578.00†	90.601	268.841	8230.02	2572.85	-52.03	-2572.32	602647.59	623576.37	32°42'49.911"N	103°59'58.544"W	0.00	
10678.00†	90.601	268.841	8228.97	2672.84	-54.06	-2672.30	602547.63	623574.35	32°42'49.895"N	103°59'59.715"W	0.00	
10778.00†	90.601	268.841	8227.92	2772.84	-56.08	-2772.27	602447.66	623572.33	32°42'49.878"N	104°00'00.885"W	0.00	
10878.00†	90.601	268.841	8226.87	2872.83	-58.10	-2872.24	602347.70	623570.30	32°42'49.861"N	104°00'02.055"W	0.00	
10978.00†	90.601	268.841	8225.82	2972.83	-60.12	-2972.22	602247.73	623568.28	32°42'49.844"N	104°00'03.225"W	0.00	
11056.26	90.601	268.841	8225.00†	3051.08	-61.70	-3050.45	602169.50	623566.70	32°42'49.831"N	104°00'04.141"W	0.00	No. 1H PBHL

HOLE & CASING SECTIONS Ref Wellbore: No. 1H PWB Ref Wellpath: Plan #1

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.75in Open Hole	7678.00	11056.26	3378.26	7678.00	NA	0.00	0.00	NA	NA

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 1H PBHL	11056.26	8225.00	-61.70	-3050.45	602169.50	623566.70	32°42'49.831"N	104°00'04.141"W	point

SURVEY PROGRAM Ref Wellbore: No. 1H PWB Ref Wellpath: Plan #1

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
18.00	11056.26	NaviTrak (Standard)		No. 1H PWB