

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: <input checked="" type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: STATE GAS COM A 1M	Property Code: 319109
Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-38345
Pool Name: BASIN DAKOTA	Pool Code: 71599

Section 2 – Surface Location

UL K	Section 36	Township 031N	Range 012W	Lot	Ft. from N/S 1683' South	Ft. from E/W 2209' West	Latitude 36.853025	Longitude -108.051421	County SAN JUAN
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Section 3 – Completion Information

Producing Method	Ready Date ~10/3/2024	Perforations MD ~6,785'-6,900'	Perforations TVD ~6,785'-6,900'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: 378292	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: 378292	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: 378292	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5418
Production Casing Action ID: 378292	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: N/A	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 9/18/2024

Cheryl Weston

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, August 27, 2024 12:25 PM
To: Jackson Lancaster
Cc: Lisa Helper; Austin Harrison; Jose Morales; Trey Misuraca; Hayden Moser; Sikandar Khan; Glory Kamat; Griffin Selby; Caroline Bomer - (C); Cheryl Weston
Subject: RE: [EXTERNAL] State Gas Com A 1M (API: 3004538345) Perforation Request

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

NMOCD approves perforating **Dakota from 6785 to 6900**

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Office Phone: 505-334-6178 ext. 123
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Jackson Lancaster <Jackson.Lancaster@hilcorp.com>
Sent: Tuesday, August 27, 2024 10:11 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Lisa Helper <lhelper@hilcorp.com>; Austin Harrison <aharrison@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>; Trey Misuraca <Trey.Misuraca@hilcorp.com>; Hayden Moser <Hayden.Moser@hilcorp.com>; Sikandar Khan <Sikandar.Khan@hilcorp.com>; Glory Kamat <Glory.Kamat@hilcorp.com>; Griffin Selby <Griffin.Selby@hilcorp.com>; Caroline Bomer - (C) <Caroline.Bomer@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>
Subject: [EXTERNAL] State Gas Com A 1M (API: 3004538345) Perforation Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning Monica,

Please see the attached MIT, RBL and Well bore Schematic for the State Gas Com A 1M (API: 3004538345).

Based on the results of the RBL, we would like to request permission to perforate the DK section of this well bore from 6,785'-6,900'MD.

We will file a separate NOI with our plans to remediate cement to be able to perforate the Mesaverde section of this well bore at a later date.

Thanks,

Jackson Lancaster
SJN Ops Engineer
Hilcorp Energy Company
Office: 713-289-2629
Cell: 432-413-4109

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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type	<input type="checkbox"/> Initial Submittal
			<input type="checkbox"/> Amended Report
		<input checked="" type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number 30-045-38345	Pool Code 71599	Pool Name BASIN DAKOTA
Property Code 319109	Property Name STATE GAS COM A	Well Number 1M
OGRID No. 372171	Operator Name HILCORP ENERGY COMPANY	Ground Level Elevation 5944'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL K	Section 36	Township 31N	Range 12W	Lot	Feet from N/S Line 1683' SOUTH	Feet from E/W Line 2209' WEST	Latitude 36.853025 °N	Longitude -108.051421 °W	County SAN JUAN
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Bottom Hole Location

UL K	Section 36	Township 31N	Range 12W	Lot	Feet from N/S Line 1566' SOUTH	Feet from E/W Line 2266' WEST	Latitude 36.852704 °N	Longitude -108.051227 °W	County SAN JUAN
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Dedicated Acres 320.00	Penetrated Spacing Unit: S/2 - Section 36	Infill or Defining Well Infill	Defining Well API 30-045-35184	Overlapping Spacing Unit <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Consolidation Code COM
Order Numbers DHC-5418			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
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First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
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Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Directional	Ground Floor Elevation 5944'
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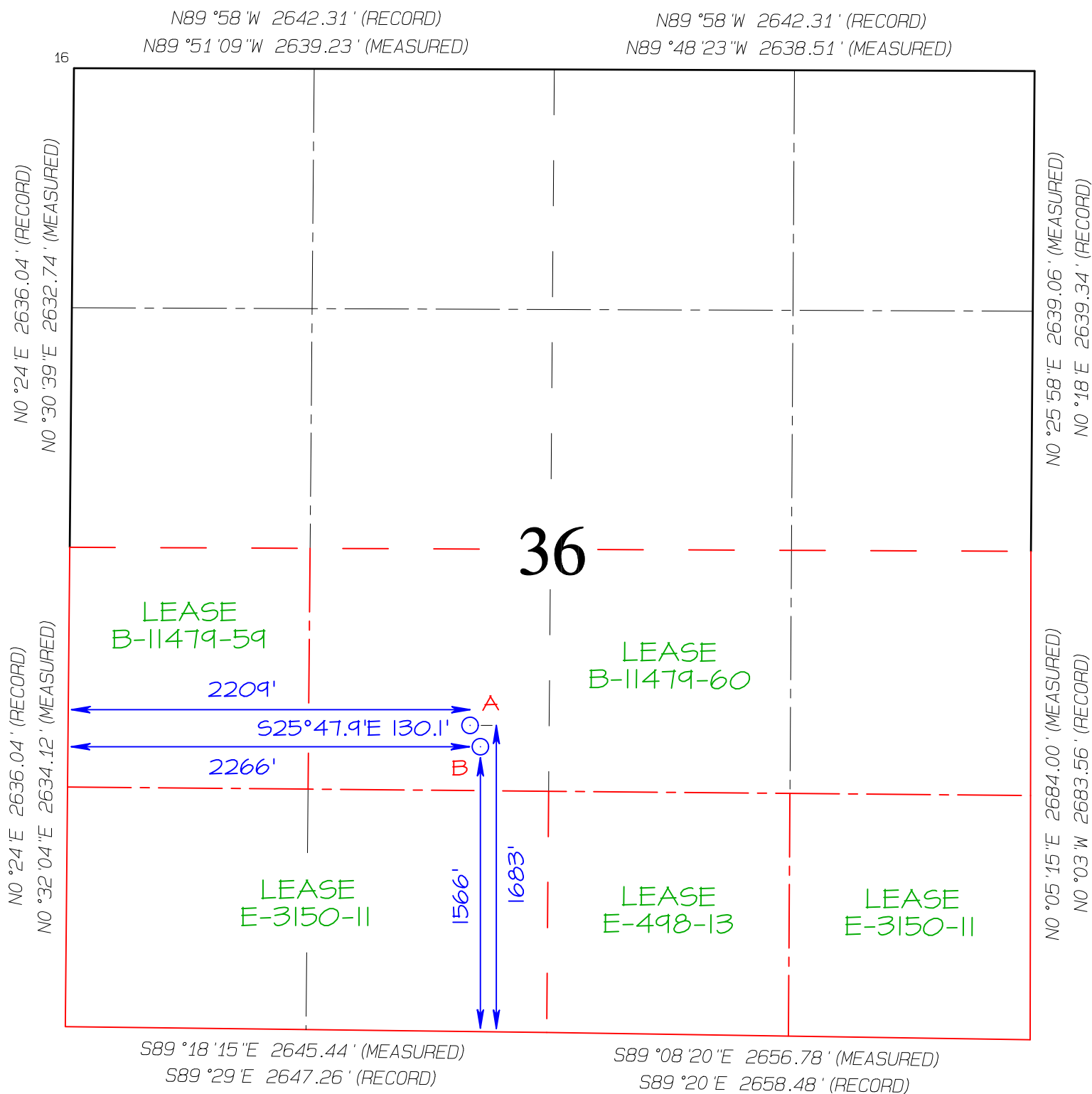
<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</p> <div>Cherylene Weston Signature</div> <div>8/28/2024 Date</div> <div>Cherylene Weston, Operations/Regulatory Tech-Sr. Printed Name</div> <div>cweston@hilcorp.com E-mail Address</div>	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <div><p>JASON C. EDWARDS</p><div>Signature and Seal of Professional Surveyor</div><div>Certificate Number 15269 Date of Survey APRIL 19, 2024</div></div>
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SURFACE LOCATION (A)
1683' FSL 2209' FWL
LAT 36.853022°N
LONG -108.050796°W
DATUM: NAD1927

LAT 36.853025°N
LONG -108.051421°W
DATUM: NAD1983

BOTTOM-HOLE LOC (B)
1566' FSL 2266' FWL
LAT 36.852701°N
LONG -108.050602°W
DATUM: NAD1927

LAT 36.852704°N
LONG -108.051227°W
DATUM: NAD1983



BOREHOLE NAVIGATION

COMPANY	HILCORP ENERGY COMPANY		
WELL	STATE GAS COM A #001m		
FIELD	BLANCO MESAVERDE/BASIN DAKOTA		
PROVINCE/COUNTY	SAN JUAN		
COUNTRY/STATE	U.S.A. / NEW MEXICO		
LOCATION	1683' FSL & 2209' FWL SEC.36 TWP.31N RGE.12W		
API Number	300453834500	Other Services	COMPENSATED NEUTRON
Permit Number		PHOTO -DENSITY	
Latitude	36.853022	ARRAY INDUCTION	
Longitude	-108.050796		
Permanent Datum GL, Elevation 5944 feet			Elevations:
Log Measured From DF, 17.00 feet above Permanent Datum			KB 5961.00
Drilling Measured From KB			DF 5961.00
			GL 5944.00
Date	09-AUG-2024		
Run Number	ONE		
Service Order	T1-240809WFT		
Depth Driller	7004.00	feet	
Depth Logger	7006.00	feet	
First Reading	6978.00	feet	
Last Reading	7219.00	feet	
Casing Driller	4221.00	feet	
Casing Logger	4219.00	feet	
Bit Size	6.250	inches	
Hole Fluid Type	WBM		
Density / Viscosity	---	---	
Pl / Fluid Loss	---	---	
Sample Source	---		
R @ Measured Temp	---		
R @ Measured Temp	---		
R @ Measured Temp	---		
Seice Rmf / Rmc	---	---	
R @ BHT	---		
Time Since Circulation	---		
M Recorded Temp	178.00	deg F	
Equipment / Base	10001	OKC	
Recorded By	B. OETTING		
Witnessed By	J. RETHERFORD		
Rig Name	DRAKE #3		

In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will give the Company the benefit of the Contractor's best judgment based on its experience and will perform all such Work in a good and workmanlike manner. Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY ANY INTERPRETATION OR RECOMMENDATION RESULTING FROM THE SERVICES WILL BE AT THE SOLE RISK OF THE COMPANY, AND THE CONTRACTOR CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION, WHICH INTERPRETATIONS AND RECOMMENDATIONS SHOULD NOT, THEREFORE, UNDER ANY CIRCUMSTANCES BE RELIED UPON AS THE SOLE OR MAIN BASIS FOR ANY DRILLING, COMPLETION, WELL TREATMENT, PRODUCTION OR FINANCIAL DECISION, OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING ACTIVITY, DRILLING RIG OR ITS CREW OR ANY OTHER INDIVIDUAL. THE COMPANY HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE SERVICES.

REMARKS
WLS VERSION 22.15
- TOOLSTRING: RUN 1 : MAI, SKJ, MPD, MDN, MBN, MCG, SHA, MTA, CBHC
- HARDWARE USED: MAI: T1NCP5 STANDOFF MDN: DUAL ECCENTERED BOWSPRING

MDN: BORE ECCENTERED DOWNHOLE

Received by OCD: 9/19/2024 7:59:26 AMPage 7 of 14

- 2.65 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

- ANNULAR HOLE VOLUME WITH 4.5 INCH PRODUCTION CASING FROM TD TO SURFACE CASING

- LOGGING INTERVALS REQUESTED
ALL SERVICES FROM TD TO CSG
GR/NEU TO SURFACE

- FLUID LEVEL AT APPROXIMATELY 6934 FEET

CREW:
C. GATLIN, D. GUYTON

Verticality Analysis Interpretation Notes09-AUG-2024 20:28

All plotted output is automatically scaled to obtain the best visual effect within the physical space available. The maximum scales being 1:50000(metric) and 1:48000(imperial), and the minimum 1:1.

The analysis is derived by integrating 10cm sampled data down the borehole. The listing supplied will contain a maximum of 200 points in multiples of 1, 2, 5, 10, 20, 50 or 100 metres/feet depending on the total range of the analysis. However, the analysis is calculated for the entire range of the borehole and the final borehole position is included in the listing.

Computed verticality may only be fully derived in open sections of the borehole, away from the influence of any unusual magnetic effects, (as the azimuth calculations are derived from three solid state magnetometers). So the analysis will generally begin at the end of the casing and all borehole positional information will relate to this depth.

Up to ten cross sections may be requested for any borehole to be displayed at any scale, (the default scale is that of the cross-section for the entire hole).

Given below is a full description of the parameters displayed on the ensuing listing:

LOG DEPTH

The depth recorded on the field logs for the borehole.

TRUE DEPTH

The true vertical depth corresponding to the above depth. Corrected from the start of the analysis.

HOLE TILT AND AZIMUTH

The sampled borehole orientation. Tilt measured from Vertical.

AXIAL COORDINATES

The coordinates North and East from the target origin.

POLAR COORDINATES

The polar or radial coordinates of the borehole.

N.B. The reference point for all bearing angles on this listing is given at the top of each sheet.

Verticality Data Listing

C:\WFT Logs\Hilcorp\State Gas Com A #1M\State Gas Com A #1M.wll

All Co-ordinates With Respect To Magnetic North, all depths in feet

First Depth 0.00, 0.00 North, 0.00 East of Origin

Date Processed: 09-AUG-2024

Date Logged:

DEPTHS		BOREHOLE		AXIAL CO-ORDS		POLAR	
Log	True	Tilt	Azi	North	East	Brg	Radius
0.00	0.00	0.0	0.0	0.00	0.00	0	0.00
144.00	144.00	0.6	288.7	0.24	-0.71	289	0.75
319.80	319.79	1.1	126.7	-0.47	-0.23	206	0.53
727.00	726.92	1.0	108.7	-3.95	6.27	122	7.41
1231.00	1230.86	1.0	180.7	-9.76	10.38	133	14.24
1669.00	1668.75	1.5	203.7	-19.15	7.87	158	20.73
1823.00	1822.68	1.8	204.7	-23.46	5.94	166	24.20

Released to Imaging: 9/25/2024 8:20:06 AM

1823.00	1822.68	1.9	204.7	-23.48	3.94	188	24.20
2074.00	2073.59	1.2	246.7	-28.28	1.79	176	28.34
2325.00	2324.54	1.2	234.7	-30.84	-2.77	185	30.97
2572.00	2571.44	2.0	215.7	-35.84	-7.40	192	36.59
2823.00	2822.24	2.6	206.7	-44.48	-12.52	196	46.21
3014.00	3013.02	2.9	182.7	-53.17	-14.69	195	55.17
3140.00	3138.87	2.8	173.7	-59.42	-14.51	194	61.16
3329.00	3327.63	3.0	166.7	-68.82	-12.86	191	70.01
3455.00	3453.40	3.9	151.7	-75.80	-10.07	188	76.47
3677.00	3674.80	4.6	135.7	-88.82	-0.28	180	88.82
3769.00	3766.53	4.2	129.7	-93.62	4.89	177	93.74
3895.00	3892.22	3.8	120.7	-98.70	12.03	173	99.43
3957.00	3954.07	4.1	117.7	-100.78	15.76	171	102.00
4020.00	4016.95	3.1	113.7	-102.51	19.31	169	104.31
4080.00	4076.86	3.0	115.7	-103.84	22.21	168	106.19
4148.00	4144.78	2.5	123.7	-105.44	25.05	167	108.37
4250.00	4246.71	2.3	73.1	-106.06	28.89	165	109.93
4300.00	4296.67	2.3	134.5	-106.47	30.58	164	110.77
4350.00	4346.63	2.2	134.9	-107.86	31.98	163	112.50
4400.00	4396.60	2.1	134.8	-109.20	33.33	163	114.17
4450.00	4446.57	1.9	133.0	-110.41	34.58	163	115.70
4500.00	4496.54	1.8	131.4	-111.48	35.76	162	117.07
4550.00	4546.52	1.8	131.6	-112.50	36.92	162	118.41
4600.00	4596.49	1.8	133.0	-113.55	38.08	161	119.76
4650.00	4646.47	1.7	135.6	-114.62	39.18	161	121.13
4700.00	4696.45	1.6	136.2	-115.68	40.20	161	122.47
4750.00	4746.43	1.6	136.5	-116.71	41.18	161	123.76
4800.00	4796.41	1.5	138.6	-117.72	42.10	160	125.02
4850.00	4846.39	1.3	144.1	-118.67	42.87	160	126.17
4900.00	4896.38	1.0	149.8	-119.51	43.42	160	127.15
4950.00	4946.38	0.9	152.2	-120.25	43.83	160	127.99
5000.00	4996.37	0.8	158.5	-120.92	44.15	160	128.73
5050.00	5046.37	0.7	164.9	-121.54	44.35	160	129.38
5100.00	5096.36	0.7	164.3	-122.14	44.52	160	130.00
5150.00	5146.36	0.8	155.3	-122.75	44.74	160	130.65
5200.00	5196.35	0.8	149.8	-123.34	45.05	160	131.31
5250.00	5246.35	0.7	140.8	-123.86	45.41	160	131.93
5300.00	5296.35	0.7	126.9	-124.27	45.84	160	132.46
5350.00	5346.34	0.7	116.5	-124.59	46.35	160	132.93
5400.00	5396.34	0.7	107.5	-124.82	46.93	159	133.35
5450.00	5446.33	0.6	100.2	-124.97	47.51	159	133.69
5500.00	5496.33	0.6	96.6	-125.05	48.05	159	133.96
5550.00	5546.33	0.6	94.5	-125.10	48.55	159	134.19
5600.00	5596.33	0.5	90.4	-125.12	49.02	159	134.38
5650.00	5646.32	0.6	85.0	-125.10	49.50	158	134.54
5700.00	5696.32	0.6	78.7	-125.03	49.99	158	134.65
5750.00	5746.32	0.6	72.6	-124.90	50.50	158	134.72
5800.00	5796.32	0.7	69.8	-124.71	51.03	158	134.75
5850.00	5846.31	0.6	66.2	-124.51	51.54	158	134.75
5900.00	5896.31	0.6	60.4	-124.28	52.00	157	134.72
5950.00	5946.31	0.7	51.7	-123.97	52.46	157	134.61
6000.00	5996.30	0.8	45.6	-123.53	52.95	157	134.40
6050.00	6046.30	0.8	47.0	-123.04	53.46	157	134.15
6100.00	6096.29	0.8	45.6	-122.56	53.96	156	133.91
6150.00	6146.29	0.9	44.0	-122.02	54.50	156	133.63
6200.00	6196.28	1.0	45.6	-121.42	55.09	156	133.34
6250.00	6246.27	0.8	48.6	-120.89	55.66	155	133.09
6300.00	6296.27	0.6	53.5	-120.49	56.15	155	132.93
6350.00	6346.27	0.5	49.5	-120.19	56.53	155	132.82
6400.00	6396.27	0.3	47.3	-119.96	56.79	155	132.72
6450.00	6446.27	0.2	72.1	-119.83	56.98	155	132.69
6500.00	6496.27	0.1	23.8	-119.77	57.07	155	132.67
6550.00	6546.27	0.2	305.7	-119.69	57.03	155	132.58
6600.00	6596.27	0.2	332.6	-119.58	56.94	155	132.45
6650.00	6646.27	0.2	351.5	-119.42	56.89	155	132.28
6700.00	6696.26	0.3	342.1	-119.19	56.83	155	132.05
6750.00	6746.26	0.4	340.9	-118.90	56.74	154	131.75
6800.00	6796.26	0.5	352.9	-118.55	56.66	154	131.40
6850.00	6846.26	0.6	0.4	-118.11	56.64	154	130.99
6900.00	6896.26	0.6	7.9	-117.60	56.68	154	130.54
6950.00	6946.26	0.6	20.4	-117.07	56.81	154	130.12

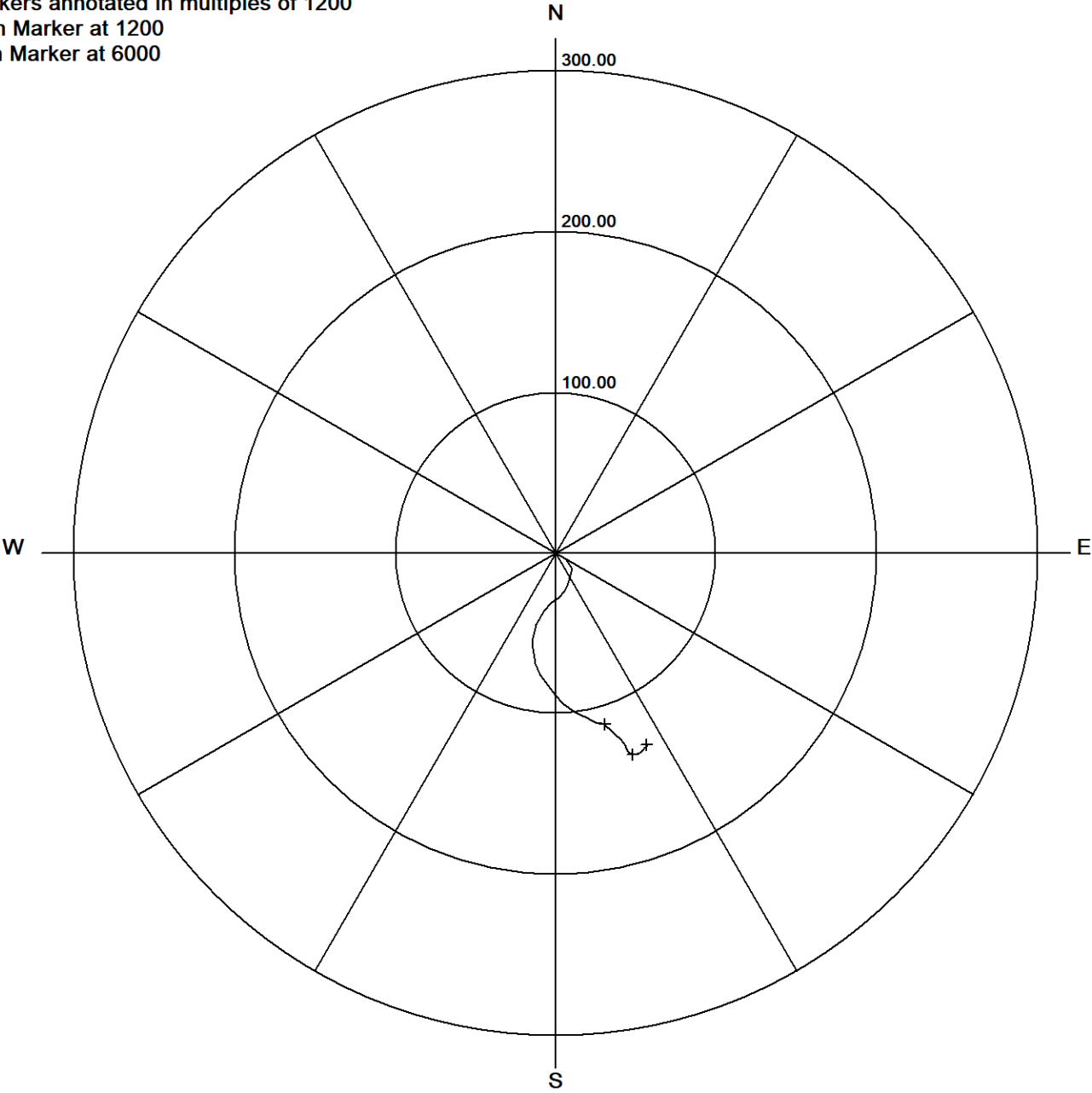
Cross Section

All Figures are Log Depths in feet

Plot With Respect to True North

Target Origin Depth 0.00
Last Plotted Depth 6950.00
Depth Markers annotated in multiples of 1200
First Depth Marker at 1200
Last Depth Marker at 6000

Scale 1:1200
Declination 0.0 deg



Final Borehole Position

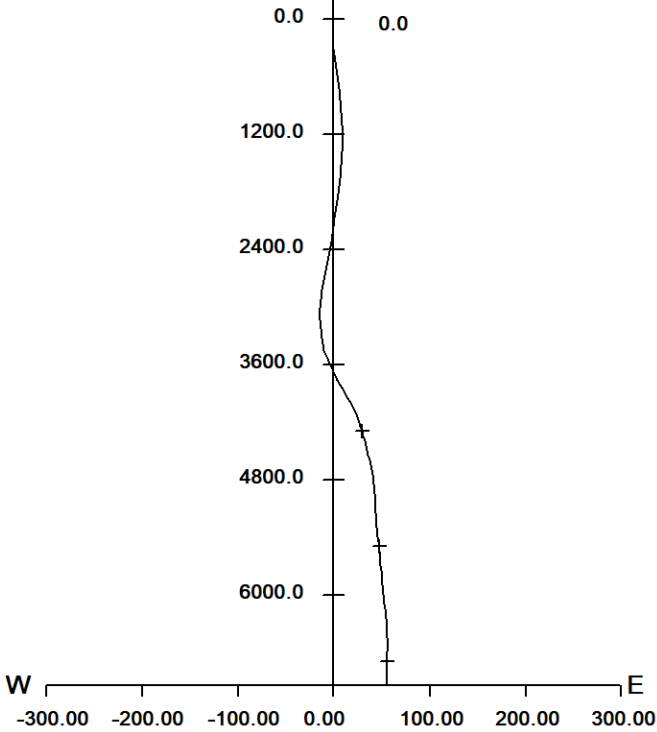
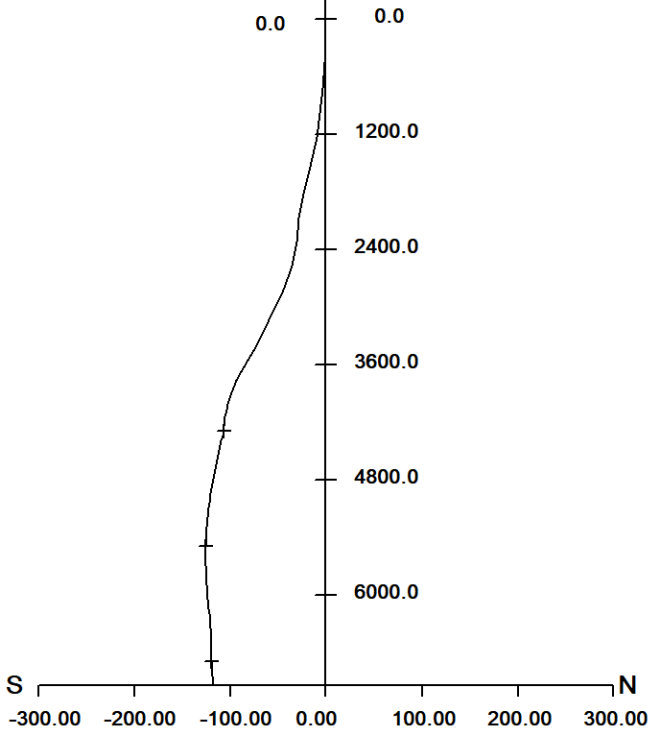
The last plotted depth is at
117.07 feet South
56.81 feet East
ie 130.12 feet from the origin
154 deg from True North

Vertical Sections

North-South Section

East-West Section

Markers annotated as above

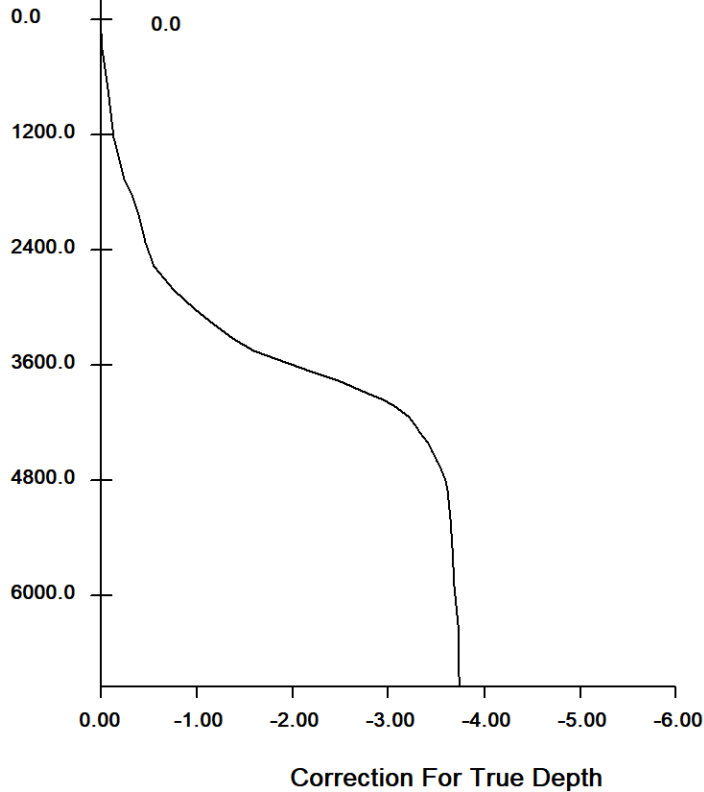


Depth Correction Analysis

Vertical Scale 1:24000
Horizontal Scale 1:24

Log
Depth

Depths		Depths	
Log	True	Log	True
0.00	0.00	6500.00	6496.27
144.00	144.00	6550.00	6546.27
319.80	319.79	6600.00	6596.27
727.00	726.92	6650.00	6646.27
1231.00	1230.86	6700.00	6696.26
1669.00	1668.75	6750.00	6746.26
1823.00	1822.68	6800.00	6796.26
2074.00	2073.59	6850.00	6846.26
2325.00	2324.54	6900.00	6896.26
2572.00	2571.44	6950.00	6946.26
2823.00	2822.24		
3014.00	3013.02		
3140.00	3138.87		
3329.00	3327.63		
3455.00	3453.40		
3677.00	3674.80		
3769.00	3766.53		
3895.00	3892.22		

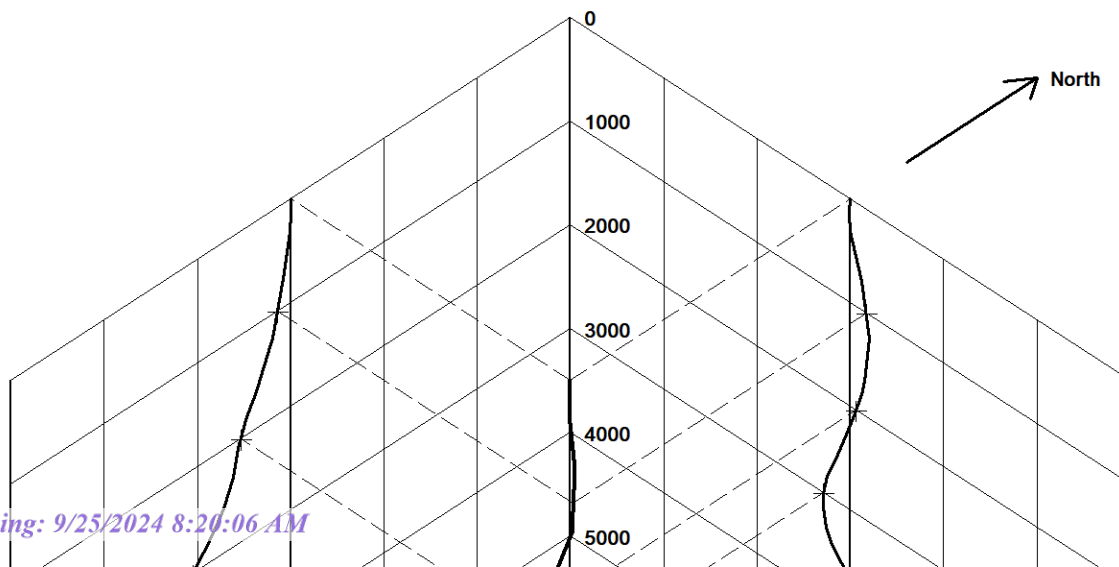


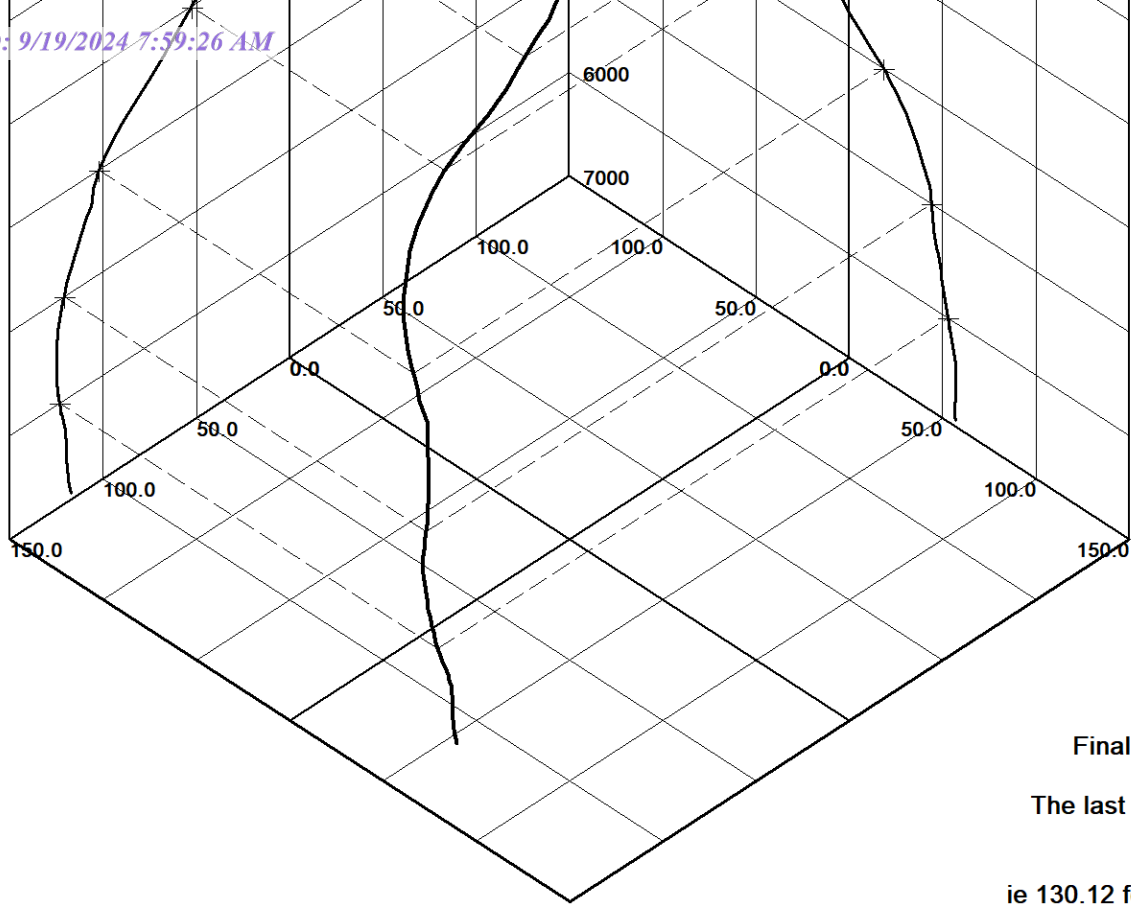
3957.00	3954.07
4020.00	4016.95
4080.00	4076.86
4148.00	4144.78
4250.00	4246.71
4300.00	4296.67
4350.00	4346.63
4400.00	4396.60
4450.00	4446.57
4500.00	4496.54
4550.00	4546.52
4600.00	4596.49
4650.00	4646.47
4700.00	4696.45
4750.00	4746.43
4800.00	4796.41
4850.00	4846.39
4900.00	4896.38
4950.00	4946.38
5000.00	4996.37
5050.00	5046.37
5100.00	5096.36
5150.00	5146.36
5200.00	5196.35
5250.00	5246.35
5300.00	5296.35
5350.00	5346.34
5400.00	5396.34
5450.00	5446.33
5500.00	5496.33
5550.00	5546.33
5600.00	5596.33
5650.00	5646.32
5700.00	5696.32
5750.00	5746.32
5800.00	5796.32
5850.00	5846.31
5900.00	5896.31
5950.00	5946.31
6000.00	5996.30
6050.00	6046.30
6100.00	6096.29
6150.00	6146.29
6200.00	6196.28
6250.00	6246.27
6300.00	6296.27
6350.00	6346.27
6400.00	6396.27
6450.00	6446.27

3D Borehole Deviation

All figures are True Depths / displacements in feet
Origin Depth 0.00
Last Plotted Depth 6950.00

Plot With Respect to True North
Declination 0.0 deg





Final Borehole Position

The last plotted depth is at
117.07 feet South
56.81 feet East
ie 130.12 feet from the origin
154 deg from True North

COMPANY	HILCORP ENERGY COMPANY
WELL	STATE GAS COM A #001m
FIELD	BLANCO MESAVERDE/BASIN DAKOTA
PROVINCE/COUNTY	SAN JUAN
COUNTRY/STATE	U.S.A. / NEW MEXICO

Elevation Kelly Bushing	5961.00	feet	Last Reading	7219.00	feet
Elevation Drill Floor	5961.00	feet	First Reading	6978.00	feet
Elevation Ground Level	5944.00	feet	Depth Driller	7004.00	feet
			Depth Logger	7006.00	feet

WIRELINE
LOGGING
SOLUTIONS

BOREHOLE NAVIGATION

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 384928

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 384928
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	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.

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CONDITIONS

Action 384928

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 384928
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	RT Expires 12/29/2024	9/25/2024