

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMNM114988

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SEAWOLF 12 1 FED 1H9. API Well No.
30-025-4277510. Field and Pool, or Exploratory
RED HILLS; UPPER BS SHALE11. County or Parish, and State
LEA COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCITON CO LP

Contact: TRINA C COUCH

Email: trina.couch@devn.com

3a. Address

DEVON ENERGY PRODUCITON CO LP 333 WEST SHERRIDAN AVE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

206-226-0213 OKLAHOMA CITY, OK 73102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 13 T26S R33E 200FNL 575FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. 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.)

Devon Energy Production Company, L.P. respectfully requests to remove the pilot hole from the subject well.

Attached, please find the revised drilling plan and directional survey

Thank you

ORIGINAL COA STILL APPLIES SINCE
ALREADY REMOVED PILOT HOLE FROM
DRILLING PROGRAM

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #316412 verified by the BLM Well Information System
For DEVON ENERGY PRODUCITON CO LP, sent to the Hobbs
Committed to AFMSS for processing by KENNETH RENNICK on 09/15/2015 ()

Name (Printed/Typed) TRINA C COUCH

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/15/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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.

Office

APPROVED
PETROLEUM ENGINEER
SEP 13 2015

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

OCT 15 2015

Devon Energy, Seawolf 12-1 Fed 1H

1. Geologic Formations

TVD of target	9,685'	Pilot hole depth	N/A
MD at TD:	19,703'	Deepest expected fresh water:	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Rustler	847	Barren	
Salado	1,203	Barren	
Base of Salt	4,985	Barren	
Delaware	5,225	Oil	
Madera	9,155	Oil	
Lower Brushy	9,295	Oil	
Bone Spring	9,485	Oil	
Upper Leonard Shale	9,500	Oil	
Upper Leonard Shale Base	9,815	Oil	
1 st Bone Spring Sand	10,435	Oil	

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program

see
COA
20

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn	SF Collapse	SF Burst	SF Tension
	From	To							
17.5"	0	1,050'	13.375"	54.5	J-55	BTC	1.78	2.92	5.70
12.25"	0	5,150'	9.625"	40	J-55	LTC	1.39	1.19	2.26
8.75"	9,000'	19,703'	5.5"	17	P-110	BTC	1.20	1.13	2.25
BLM Minimum Safety Factor							1.125	1.00	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Must have table for contingency casing

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

Devon Energy, Seawolf 12-1 Fed 1H

3. Cementing Program

Casing	# Sks	Wt. lb/gal	H ₂ O gal/sk	Yld ft ³ /sack	500# Comp. Strength (hours)	Slurry Description
13-3/8" Surface	1120	14.8	6.32	1.33	6	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
9-5/8" Inter.	1110	12.9	9.81	1.85	17	Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake
	430	14.8	6.32	1.33	6	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
5-1/2" Prod	590	11.9	12.89	2.31	n/a	1 st Lead: (50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000
	2760	14.5	5.31	1.2	25	Tail: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite
5-1/2" Prod Two Stage	590	11.9	12.89	2.31	n/a	1 st Stage Lead: (50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000
	2760	14.5	5.31	1.2	25	1 st Stage Tail: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite
	DV Tool = 5200ft					
	20	11	14.81	2.55	22	2 nd Stage Lead: Tuned Light® Cement + 0.125 lb/sk Pol-E-Flake
	30	14.8	6.32	1.33	6	2 nd Stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake

DV tool depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
13-3/8" Surface	0'	100%
9-5/8" Intermediate	0'	75%
5-1/2" Production Casing	4950'	25%
5-1/2" Production Casing Two Stage Option	4950'	25%

4. Pressure Control Equipment

N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.
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BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
12-1/4"	13-5/8"	3M	Annular	x	50% of working pressure
			Blind Ram		3M
			Pipe Ram		
			Double Ram	x	
			Other*		
8-3/4"	13-5/8"	3M	Annular	x	50% testing pressure
			Blind Ram		3M
			Pipe Ram		
			Double Ram	x	
			Other*		
			Annular	x	
			Blind Ram		
			Pipe Ram		
			Double Ram	x	
			Other*		

*Specify if additional ram is utilized.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Y	Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.
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Devon Energy, Seawolf 12-1 Fed 1H

Y	A variance is requested for the use of a <u>flexible choke line</u> from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.
Y	Are anchors required by manufacturer?
Y	<p>A <u>multibowl wellhead</u> is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.</p> <p>Devon proposes using a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 3000 (3M) psi.</p> <ul style="list-style-type: none"> Wellhead will be installed by wellhead company's representatives. If the welding is performed by a third party, the wellhead company's representative will monitor the temperature to verify that it does not exceed the maximum temperature of the seal. The wellhead company's representative will install the test plug for the initial BOP test. The wellhead company will install a solid steel body pack-off to completely isolate the lower head after cementing intermediate casing. After installation of the pack-off, the pack-off and the lower flange will be tested to 3M, as shown on the attached schematic. Everything above the pack-off will not have been altered whatsoever from the initial nipple up. Therefore the BOP components will not be retested at that time. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head will be cut and top out operations will be conducted. Devon will pressure test all seals above and below the mandrel (but still above the casing) to full working pressure rating. Devon will test the casing to 0.22 psi/ft or 1500 psi, whichever is greater, as per Onshore Order #2. <p>After running the 13-3/8" surface casing, a 13-5/8" BOP/BOPE system with a minimum rating of 3M will be installed on the wellhead company's Uni-head wellhead system and will undergo a 250 psi low pressure test followed by a 3,000 psi high pressure test. The 3,000 psi high and 250 psi low test will cover testing requirements a maximum of 30 days, as per Onshore Order #2. If the well is not complete within 30 days of this BOP test, another full BOP test will be conducted, as per Onshore Order #2.</p> <p>After running the 9-5/8" intermediate casing with a mandrel hanger, the 13-5/8" BOP/BOPE system with a minimum rating of 3M will already be installed on the wellhead company's Uni-head.</p> <p>The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.</p>

Devon Energy, Seawolf 12-1 Fed 1H

	<p>Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line). The line will be kept as straight as possible with minimal turns</p> <p>See attached schematic.</p>
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5. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0	1,050'	FW Gel	8.6-8.8	28-34	N/C
1,050'	5,150'	Saturated Brine	10.0-10.2	28-34	N/C
5,150'	19,703'	Cut Brine	8.5-9.3	28-34	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
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6. Logging and Testing Procedures

Logging, Coring and Testing.	
x	Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No Logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain
	Coring? If yes, explain

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	2732 psi
Abnormal Temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

8. Other facets of operation

Is this a walking operation? No.

Will be pre-setting casing? No.

Attachments

☒ Directional Plan

☐ Other, describe



Seawolf 12-1 Fed 1H
Lea Co, NM



Plan Data for Seawolf 12-1 Fed 1H Lat

Plan Point Information:
Dogleg Severity Unit: $^{\circ}/100.00\text{ft}$ Position offsets from Slot centre
MD Inc Az TVD +N/-S +E/-W Northing Easting VSec DLS
(USft) (°) (°) (USft) (USft) (USft) (USft) (USft) (DLSU)
9225.69 0.00 0.00 9213.16 251.65 142.78 383182.74 793658.93 251.65 0.00
10046.52 90.29 0.00 9734.02 775.16 142.78 383706.25 793658.93 775.16 11.00
19703.43 90.29 0.00 9685.00 10431.95 142.78 393363.04 793658.93 10431.95 0.00

Plan Data for Seawolf 12-1 Fed 1H Lat

Slot: Seawolf 12-1 Fed 1H
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 382931.09USft Latitude: $32^{\circ}3'0.5''$
+E/-W: 0.00USft Easting: 793516.15USft Longitude: $-103^{\circ}31'9.8''$
Elevation Above VRD: 3360.00USft

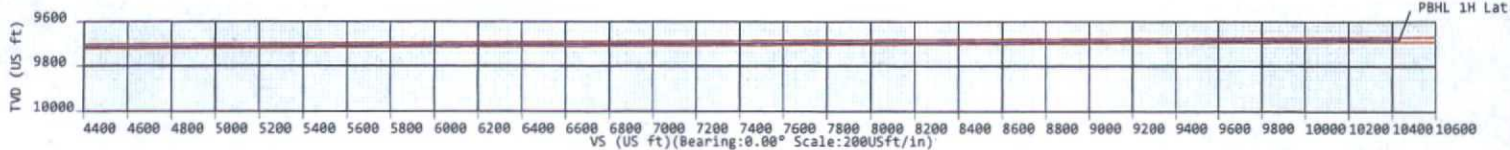
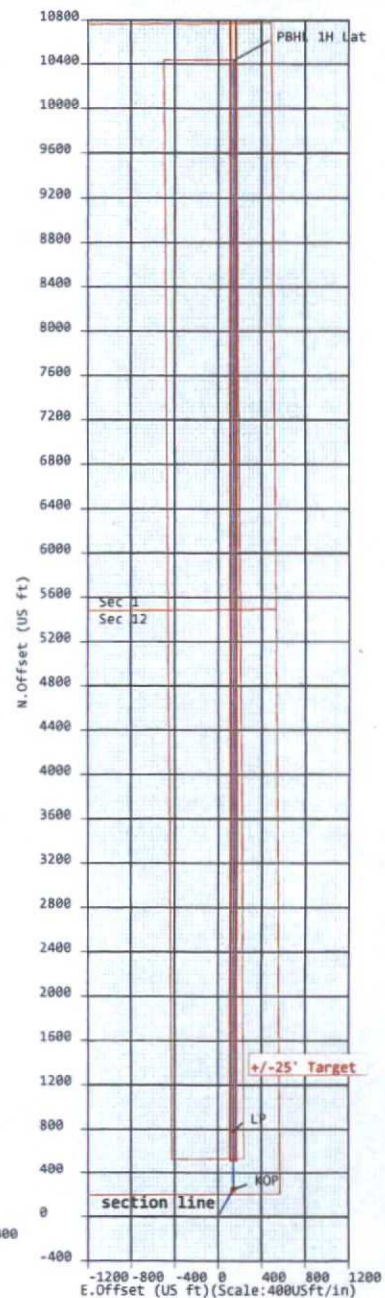
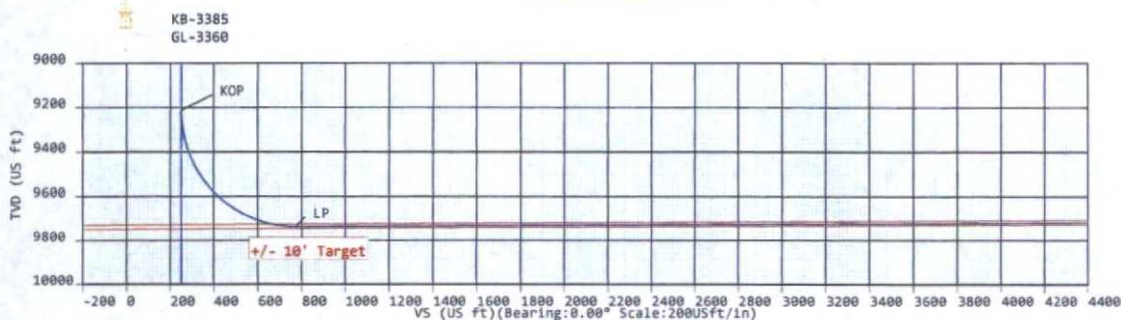
Plan Data for Seawolf 12-1 Fed 1H Lat

Target Set Information:
Name: Seawolf 12-1 Fed 1H
Position offsets from Slot centre
Name TVD +N/-S +E/-W Northing Easting Shape Comment
(USft) (USft) (USft) (USft) (USft)
LP Tgt 9734.02 775.16 142.78 383706.25 793658.93 Cuboid
PBHL 1H 9685.00 10431.95 142.78 393363.04 793658.93 Cuboid

Plan Data for Seawolf 12-1 Fed 1H Lat

Well: Seawolf 12-1 Fed 1H Lat
Type: Side-Track
File Number:
Plan Folder: P1 Plan: P1/V4
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 0.00°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
BGM 48086(nT) 7.24° 59.92° 2015-06-15

Seawolf 12-1 Fed 1H Lat
Seawolf 12-1 Fed 1H Pilot



Sign Off: Russell Joyner

Seawolf 12-1 Fed 1H Lat

Field: Lea Co, NM Nad 83 NMEZ

Map Units: US ft
Vertical Reference Datum (VRD): Mean Sea Level
Projected Coordinate System: NAD83 / New Mexico East (ftUS)

Site: Seawolf 12-1 Fed 1H

Company Name: Devon Energy
Units: US ft
TVD Reference:

Position:
Northing: 182931.09US ft Latitude: 32° 9' 0.52"
Easting: 793516.15US ft Longitude: -103° 31' 9.81"

North Reference: Grid Convergence Angle: 0.43
Elevation above Mean Sea Level: 3360.00US ft
Comment:

Slot: Seawolf 12-1 Fed 1H

Position (Relative to Slot centre)
+N/-S: 0.00US ft Northing: 182931.09US ft Latitude: 32° 9' 0.52"
+E/-W: 0.00US ft Easting: 793516.15US ft Longitude: -103° 31' 9.81"
Elevation above Mean Sea Level: 3360.00US ft
Comment:

Well: Seawolf 12-1 Fed 1H Lat

Type: Sidetrack Rig Height (Kelly Bushing): 25.00US ft Relative To Mean Sea Level: 3385.00US ft

File Number:
Parent: Seawolf 12-1 Fed 1H Pilot Tie Point Method: TVD Tie Point: 9213.16 US ft
Plan Folder: P1 Plan: P1.V4

Comment: New BHL
Closure Distance: 10432.9US ft Closure Azimuth: 0.784147°
Comment:

Vertical Section:
Position of Origin (Relative to Slot centre) +N/-S: 0.00US ft +E/-W: 0.00US ft
Vertical Section Azimuth: 0.00°

Magnetic Parameters:
Model: BGGM Field Strength: 48086.2 nT Declination: 7.24° Dip: 59.92° Date: 15/jun/2015 (dd/mm/yyyy)

Target Set: Seawolf 12-1 Fed 1H

Number of Targets: 2

Target: LP Tgt

Position: (Relative to Slot centre)
+N/-S: 775.16 Northing: 883706.25 Latitude: 32° 3' 8.18"
+E/-W: 142.78 Easting: 793658.93 Longitude: -103° 31' 9.08"
TVD (Kelly Bushing): 9734.02 US ft
Shape: Cuboid
Orientation: Inclination: 0.29° Azimuth: 0.00°
Dimensions: Length: 0.00 Breadth: 50.00 Height: 20.00

Target: FBHL 1H

Position: (Relative to Slot centre)
+N/-S: 10431.95 Northing: 893363.04 Latitude: 32° 4' 43.74"
+E/-W: 142.78 Easting: 793658.93 Longitude: -103° 31' 7.23"
TVD (Kelly Bushing): 9685.00 US ft
Shape: Cuboid
Orientation: Inclination: 0.29° Azimuth: 0.00°
Dimensions: Length: 19828.00 Breadth: 50.00 Height: 20.00

Casing Points: (Relative to Slot Centre, TVD Relative to Kelly Bushing)

MD	Inc	Az	TVD	N. Offset	E. Offset	Northing	Easting	Name
[US ft]	[°]	[°]	[US ft]	[US ft]	[US ft]	[US ft]	[US ft]	

Wellpath created using minimum curvature

Salient Points: (Relative to Slot Centre, TVD Relative to Kelly Bushing)

MD	Inc	Az	TVD	N. Offset	E. Offset	VS	CLS	N. Rate	T. Rate	T. Face	Comment
[US ft]	[°]	[°]	[US ft]	[US ft]	[US ft]	[US ft]	[°/100 US ft]	[°/100 US ft]	[°/100 US ft]	[°]	
9225.09	0	0	9213.16	251.65	142.78	251.65	0	0	0	0	KCP
10046.52	90.29	0	9734.02	775.16	142.78	775.16	11	11	0	0	LP
19703.43	90.29	0	9685	10431.95	142.78	10431.95	0	0	0	0	FBHL 1H Lat

Interpolated Points: (Relative to Slot Centre, TVD Relative to Kelly Bushing)

MD	Inc	Az	TVD	N. Offset	E. Offset	VS	CLS	Northing	Easting	Comment
[US ft]	[°]	[°]	[US ft]	[US ft]	[US ft]	[US ft]	[°/100 US ft]	[US ft]	[US ft]	
9200	0	0	9187.47	251.65	142.78	251.65	0	383182.74	793658.93	
9225.09	0	0	9213.16	251.65	142.78	251.65	0	383182.74	793658.93	KCP
9300	8.17	0	9287.22	256.94	142.78	256.94	11	383188.03	793658.93	
9400	19.17	0	9384.23	280.55	142.78	280.55	11	383211.64	793658.93	
9500	30.17	0	9474.96	322.23	142.78	322.23	11	383253.32	793658.93	
9600	41.17	0	9556.07	380.45	142.78	380.45	11	383311.54	793658.93	
9700	52.17	0	9624.58	453.09	142.78	453.09	11	383384.18	793658.93	
9800	63.17	0	9677.98	537.46	142.78	537.46	11	383468.55	793658.93	
9900	74.17	0	9714.29	630.47	142.78	630.47	11	383561.56	793658.93	
10000	85.17	0	9732.18	728.7	142.78	728.7	11	383669.79	793658.93	
10046.52	90.29	0	9734.02	775.16	142.78	775.16	11	383706.25	793658.93	LP
10100	90.29	0	9733.75	828.65	142.78	828.65	0	383758.74	793658.93	
10200	90.29	0	9733.24	828.65	142.78	828.65	0	383859.74	793658.93	
10300	90.29	0	9732.74	1028.65	142.78	1028.65	0	383959.74	793658.93	
10400	90.29	0	9732.23	1128.64	142.78	1128.64	0	384059.73	793658.93	
10500	90.29	0	9731.72	1228.64	142.78	1228.64	0	384159.73	793658.93	
10600	90.29	0	9731.21	1328.64	142.78	1328.64	0	384259.73	793658.93	
10700	90.29	0	9730.71	1428.64	142.78	1428.64	0	384359.73	793658.93	
10800	90.29	0	9730.2	1528.64	142.78	1528.64	0	384459.73	793658.93	
10900	90.29	0	9729.69	1628.64	142.78	1628.64	0	384559.73	793658.93	
11000	90.29	0	9729.18	1728.64	142.78	1728.64	0	384659.73	793658.93	
11100	90.29	0	9728.68	1828.63	142.78	1828.63	0	384759.72	793658.93	
11200	90.29	0	9728.17	1928.63	142.78	1928.63	0	384859.72	793658.93	
11300	90.29	0	9727.66	2028.63	142.78	2028.63	0	384959.72	793658.93	
11400	90.29	0	9727.15	2128.63	142.78	2128.63	0	385059.72	793658.93	
11500	90.29	0	9726.65	2228.63	142.78	2228.63	0	385159.72	793658.93	
11600	90.29	0	9726.14	2328.63	142.78	2328.63	0	385259.72	793658.93	
11700	90.29	0	9725.63	2428.63	142.78	2428.63	0	385359.72	793658.93	
11800	90.29	0	9725.12	2528.63	142.78	2528.63	0	385459.72	793658.93	

