

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT

SEP 30 2015

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.
NMNM109756

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
PEACHES 19 FEDERAL 4H2. Name of Operator
OXY USA INC.Contact: DAVID STEWART
E-Mail: david_stewart@oxy.com9. API Well No.
30-015-420303a. Address
P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-5717
Fx: 432-685-574210. Field and Pool, or Exploratory
COTTONWOOD DRAW BN SPRNG

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

Sec 19 T25S R27E NWNW 150FNL 660FWL
32.122100 N Lat, 104.235336 W Lon11. County or Parish, and 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	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion in a new interval, 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.)

OXY USA Inc. respectfully requests approval for the following changes to the drilling plan:

Amend the setting depth of the intermediate casing string. The rationale for the change is due to our inability to achieve sufficient build rates based on the tools our directional company can provide. Reducing the planned Dog Leg Severity (DLS) of the curve section would require raising our intermediate casing point from the original 7100' to 6850' in order to land on target. The reason we do not foresee any geological issues is that the top of the 2nd Bone Spring Lime occurs at approximately 6682' per our geologist therefore the casing point will still remain beneath the same formation as before.

Proposed TD - 12540'M 7792"V

Accepted for record

NMOC 9/30/15

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

Electronic Submission #317531 verified by the BLM Well Information System
For OXY USA INC., sent to the Carlsbad
Committed to AFMSS for processing by KENNETH RENNICK on 09/24/2015 ()

Name (Printed/Typed) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 09/23/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

APPROVED
PETROLEUM ENGINEER

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

SEP 24 2015

Kenneth Rennick

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Additional data for EC transaction #317531 that would not fit on the form

32. Additional remarks, continued

1. Request casing design modification, to set deep intermediate casing 250' shallower.

a. DV tool and ACP +/- 1950' for contingency second stage cement job. If cement comes to surface during first stage cement job we will inflate the ACP and then drop the cancellation cone for the DV tool.

b. Set the casing string within +/- 100' of the planned set point depending on how formation tops affect our planned KOP. If deeper, cement volumes will be increased appropriately.

Intermediate Casing

7-5/8" 29.7# L-80 BT&C new csg @ 0-6850', 9-7/8" hole w/ 9.0# mud

Coll Rating (psi)-4790 Burst Rating (psi)-6890
SF Coll-2.74 SF Burst-1.42 SF Ten-2.4

Collapse and burst loads calculated using Stress Check with anticipated loads, see attached for design assumptions

2. Cement program modifications detailed below.

a. Intermediate - Circulate cement to surface w/ 930sx Tuned Light (TM) system cmt w/ 1#/sx Kol-Seal + .125#/sx Poly-E-Flake + .2#/sx HR-601 + .2#/sx D-Air 5000 + .5#/sx Halad R-9, 10.2ppg 3.05 yield 500# in 13.22hr CS 125% Excess followed by 140sx Super H cmt w/ 3#/sx salt + .3% CFR-3 + .5% Halad(R)-344 + 2#/sx Kol-Seal, 13.2ppg 1.65 yield 500# in 11.01hr CS 15% Excess.

Contingency 2nd Stage - Circulate cement to surface w/ 340sx HES light PP cmt w/ 5% Salt + .5% HR-800, 12.9ppg 1.87 yield 500# in 12.44hr CS 125% Excess followed by 180sx PP cmt, 14.8ppg 1.33 yield 500# in 6.31hr CS 125% Excess.

Description of Cement Additives: Salt (Accelerator); D-Air 5000 (Defoamer); CFR-3 (Dispersant); Kol-Seal, Poly-E-Flake (Lost Circulation Additive); Halad-9, Halad-344 (Low Fluid Loss Control); HR-800 (Retarder)

The above cement volumes could be revised pending the caliper measurement.



Peaches 19 Fed 4H
Eddy Co, NM



Weatherford

Plan Data for Peaches 19 Federal 4H

Plan Point Information:									
Dogleg Severity Unit: */100.00ft									
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
0.00	0.00	0.00	-0.00	-0.00	-0.00	488156.30	530338.30	0.00	0.00
5877.00	0.00	0.00	5877.00	-0.00	-0.00	488156.30	530338.30	0.00	0.00
6266.35	9.73	358.64	6264.48	32.98	-0.78	488189.28	530337.52	-32.99	2.50
6467.28	9.73	358.64	6462.52	66.95	-1.59	488223.25	530336.71	-66.96	0.00
6856.63	0.00	0.00	6856.00	99.93	-2.37	488256.23	530335.93	-99.96	2.50
7082.83	0.00	0.00	7076.20	99.93	-2.37	488256.23	530335.93	-99.96	0.00
8297.83	90.00	178.64	7792.40	-616.07	14.62	487540.23	530352.92	616.24	8.00
12540.19	90.00	178.64	7792.40	-4947.20	117.40	403209.10	530455.70	4948.59	0.00

Plan Data for Peaches 19 Federal 4H

Slot: Peaches 19 Federal 4H
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 488156.30USft Latitude: 32.122100°
+E/-W: 0.00USft Easting: 530338.30USft Longitude: -104.235336°
Elevation Above VRD: 3222.90USft

Plan Data for Peaches 19 Federal 4H

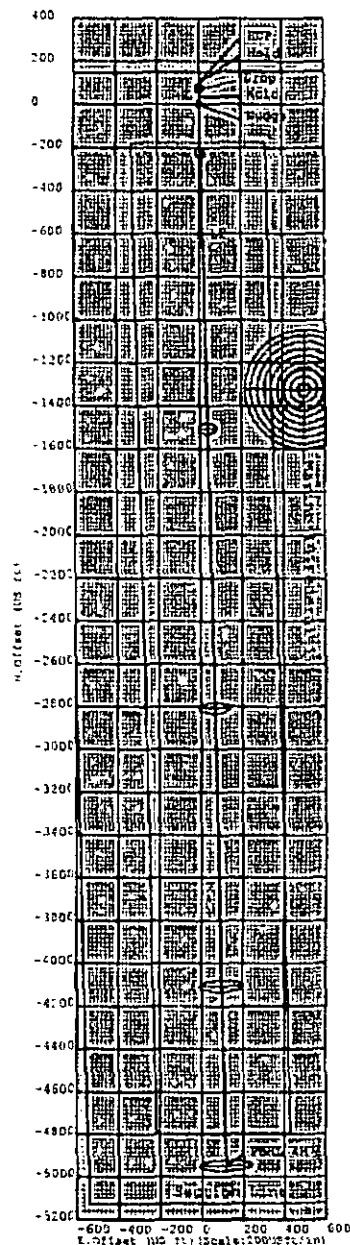
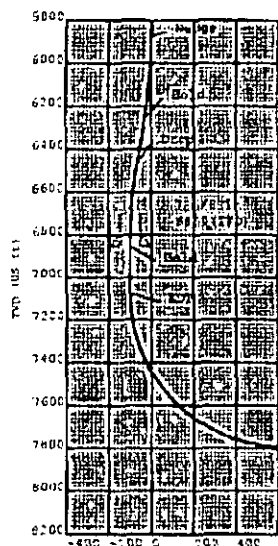
Well: Peaches 19 Federal 4H
Type: Main-Well
File Number:
Plan Folder: P1 Plan: P1:V3
Vertical Section: Position offset of origin from Slot centre.
+N/-S: -0.00USft Azimuth: 178.64°
+E/-W: -0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
bggm2015 48864(nT) 7.59° 59.90° 2015-09-30

Plan Data for Peaches 19 Federal 4H

Target Set Information:
Name: Peaches 19 Federal 4H
Position offsets from Slot centre
Name TVD TVD SS +N/-S +E/-W Northing Easting
(USft) (USft) (USft) (USft) (USft) (USft)
S Tgt 7076.20 -3835.80 99.93 -2.37 488256.23 530335.93
PBH 4H 7792.40 -4552.00 -4947.20 117.40 403209.10 530455.70

Peaches 19 Federal 4H

Marine 19 Federal 1





Peaches 19 Federal 4H

Field Name:	Map Units: US ft	Company Name: OXY USA
Eddy Co. (NAD27 NME)	Vertical Reference Datum (VRD): Mean Sea Level	
	Projected Coordinate System: NAD27 / New Mexico East	
	Comment:	

Site:	Units: US ft	North Reference: Grid	Convergence Angle: 0.05
Peaches 19 Federal 4H	Position:		Latitude: 32° 7' 19.56"
	Northing: 408156.30US ft		Longitude: -104° 14' 7.21"
	Easting: 530338.30US ft		
Elevation above MSL: 3222.90 US ft		Comment:	

Slot:	Position (Relative to Site Centre)		
Peaches 19 Federal 4H	+N/-S: 0.00US ft	Northing: 408156.30US ft	Latitude: 32° 7' 19.56"
	+E/-W: 0.00US ft	Easting: 530338.30US ft	Longitude: -104° 14' 7.21"
	Slot TVD Reference: Ground Elevation		
Elevation above MSL: 3222.90US ft		Comment:	

Well:	Type: Main well	UWI:	Plan: P1:V3
Peaches 19 Federal 4H	File Number:	Comment:	
	Closure Distance: 4948.59US ft	Closure Azimuth: 178.64°	
	Vertical Section: Position of Origin (Relative to Slot centre)		
	+N/-S: -0.00US ft	+E/-W: -0.00US ft	Az: 178.64°
Magnetic Parameters:			
Model: bggm2015	Field Strength: 48064.9nT	Declination: 7.59°	Dip: 59.90° Date: 30/Sep/2015

Drill floor: Plan: P1:V3

Rlg Height (Kelly Bushing): Elevation above MSL: 17.50us ft **Inclination:** 0.00° **Azimuth:** 0.00° 3240.40us ft

Target set: (Peaches 19 Federal 4H) Comment:							
Target Name:	Status:	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	Northing (US ft)	Easting (US ft)	Closure Distance (US ft)
S Tgt	Point	7076.20	99.93	-2.37	408256.23	530335.93	0.00
PBHL 4H	Point	7792.40	-4947.20	117.40	403209.10	530455.70	0.00

Casing Points: (Relative to Slot centre) (TVD relative to Kelly Bushing)								
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	Northing (US ft)	Easting (US ft)	Thrust
350.03	0.00	0.00	350.00	-0.00	-0.00	408156.30	530338.30	10 3/4 in

Casing Points: (Relative to Slot Centre)(TVD relative to Kelly Bushing)									
TVD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	Northing (US ft)	Easting (US ft)	Name	
6856.63	0.00	0.00	6850.00	99.93	-2.37	408256.23	530335.93	7 5/8 in	

Wellpath created using minimum curvature.

Tie Point:					
MD: 0.00USFt	Inclination: 0.00°	Azimuth: 0.00°	TVD: - 0.00USFt	North Offset: - 0.00USFt	East Offset: - 0.00USFt

Salient Points: (Relative to Slot Centre)(TVD relative to Kelly Bushing)											
TVD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	VS (US ft)	OLS (%/100US ft)	B.Rate (%/100US ft)	T.Rate (%/100US ft)	T.Face (°)	Comment
0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	
350.00	0.00	0.00	350.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	10 3/4 in
5877.00	0.00	0.00	5877.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	Nudge
6266.35	9.73	358.64	6264.48	32.98	-0.78	-32.99	2.50	2.50	0.00	358.64	Hold
6467.28	9.73	358.64	6462.52	66.95	-1.59	-66.96	0.00	0.00	0.00	0.00	Drop
6856.63	0.00	0.00	6850.00	99.93	-2.37	-99.96	2.50	-2.50	0.00	180.00	Hold; 7 5/8 in
7082.83	0.00	0.00	7076.20	99.93	-2.37	-99.96	0.00	0.00	0.00	0.00	KOP
8207.83	90.00	178.64	7792.40	-616.07	14.62	616.24	8.00	8.00	0.00	178.64	LP
12540.19	90.00	178.64	7792.40	-4947.20	117.40	4948.59	0.00	0.00	0.00	0.00	PBHL 4H

Interpolated Points: (Relative to Slot Centre)(TVD relative to Kelly Bushing)											
TVD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	VS (US ft)	OLS (%/100US ft)	Northing (US ft)	Easting (US ft)	Comment	
0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
100.00	0.00	0.00	100.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
200.00	0.00	0.00	200.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
300.00	0.00	0.00	300.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
350.00	0.00	0.00	350.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
400.00	0.00	0.00	400.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
500.00	0.00	0.00	500.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
600.00	0.00	0.00	600.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
700.00	0.00	0.00	700.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
800.00	0.00	0.00	800.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
900.00	0.00	0.00	900.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1000.00	0.00	0.00	1000.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1100.00	0.00	0.00	1100.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1200.00	0.00	0.00	1200.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1300.00	0.00	0.00	1300.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1400.00	0.00	0.00	1400.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1500.00	0.00	0.00	1500.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1600.00	0.00	0.00	1600.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1700.00	0.00	0.00	1700.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1800.00	0.00	0.00	1800.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
1900.00	0.00	0.00	1900.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2000.00	0.00	0.00	2000.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2100.00	0.00	0.00	2100.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2200.00	0.00	0.00	2200.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2300.00	0.00	0.00	2300.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2400.00	0.00	0.00	2400.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2500.00	0.00	0.00	2500.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2600.00	0.00	0.00	2600.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2700.00	0.00	0.00	2700.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2800.00	0.00	0.00	2800.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
2900.00	0.00	0.00	2900.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
3000.00	0.00	0.00	3000.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
3100.00	0.00	0.00	3100.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
3200.00	0.00	0.00	3200.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		
3300.00	0.00	0.00	3300.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30		

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD Relative to Kelly Bushing)										
ID (US ft)	Inc (°)	Az (°)	TVD (US ft)	W. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (%/100US ft)	Northing (US ft)	Easting (US ft)	Comment
3400.00	0.00	0.00	3400.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
3500.00	0.00	0.00	3500.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
3600.00	0.00	0.00	3600.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
3700.00	0.00	0.00	3700.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
3800.00	0.00	0.00	3800.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
3900.00	0.00	0.00	3900.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4000.00	0.00	0.00	4000.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4100.00	0.00	0.00	4100.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4200.00	0.00	0.00	4200.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4300.00	0.00	0.00	4300.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4400.00	0.00	0.00	4400.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4500.00	0.00	0.00	4500.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4600.00	0.00	0.00	4600.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4700.00	0.00	0.00	4700.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4800.00	0.00	0.00	4800.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
4900.00	0.00	0.00	4900.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5000.00	0.00	0.00	5000.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5100.00	0.00	0.00	5100.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5200.00	0.00	0.00	5200.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5300.00	0.00	0.00	5300.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5400.00	0.00	0.00	5400.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5500.00	0.00	0.00	5500.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5600.00	0.00	0.00	5600.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5700.00	0.00	0.00	5700.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5800.00	0.00	0.00	5800.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5877.00	0.00	0.00	5877.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
5900.00	0.57	358.64	5900.00	0.12	-0.00	-0.12	2.50	408156.42	530338.30	Hedge
6000.00	3.07	358.64	5999.94	3.30	-0.08	-3.30	2.50	408159.60	530338.22	
6100.00	5.58	358.64	6099.65	10.84	-0.26	-10.84	2.50	408167.14	530338.04	
6200.00	8.08	358.64	6198.93	22.72	-0.54	-22.72	2.50	408179.02	530337.76	
6266.35	9.73	358.64	6264.48	32.98	-0.78	-32.99	2.50	408189.28	530337.52	Hold
6300.00	9.73	358.64	6297.65	38.67	-0.92	-38.68	0.00	408194.97	530337.38	
6400.00	9.73	358.64	6396.21	55.57	-1.32	-55.59	0.00	408211.87	530336.98	
6467.28	9.73	358.64	6462.52	66.95	-1.59	-66.96	0.00	408223.25	530336.71	Drop
6500.00	8.92	358.64	6494.80	72.25	-1.71	-72.27	2.50	408228.55	530336.59	
6600.00	6.42	358.64	6593.90	85.58	-2.03	-85.60	2.50	408241.88	530336.27	
6700.00	3.92	358.64	6693.49	94.58	-2.24	-94.61	2.50	408250.88	530336.06	
6800.00	1.42	358.64	6793.37	99.23	-2.35	-99.26	2.50	408255.53	530335.95	
6856.63	0.00	0.00	6850.00	99.93	-2.37	-99.96	2.50	408256.23	530335.93	Hold; 7 5/8 in
6900.00	0.00	0.00	6893.37	99.93	-2.37	-99.96	0.00	408256.23	530335.93	
7000.00	0.00	0.00	6993.37	99.93	-2.37	-99.96	0.00	408256.23	530335.93	
7082.83	0.00	0.00	7076.20	99.93	-2.37	-99.96	0.00	408256.23	530335.93	KOP
7100.00	1.37	178.64	7093.37	99.72	-2.37	-99.75	8.00	408256.02	530335.93	
7200.00	9.37	178.64	7192.85	90.37	-2.14	-90.40	8.00	408246.67	530336.16	
7300.00	17.37	178.64	7290.05	67.27	-1.59	-67.28	8.00	408223.57	530336.71	
7400.00	25.37	178.64	7383.10	30.86	-0.73	-30.87	8.00	408187.16	530337.57	
7500.00	33.37	178.64	7470.17	-18.13	0.43	18.14	8.00	408138.17	530338.73	
7600.00	41.37	178.64	7549.58	-78.77	1.87	78.79	8.00	408077.53	530340.17	
7700.00	49.37	178.64	7619.77	-149.86	3.56	149.90	8.00	408006.44	530341.86	
7800.00	57.37	178.64	7679.38	-230.03	5.46	230.09	8.00	407926.27	530343.76	
7900.00	65.37	178.64	7727.25	-317.71	7.54	317.80	8.00	407838.59	530345.84	
8000.00	73.37	178.64	7762.45	-411.19	9.76	411.31	8.00	407745.11	530348.06	
8100.00	81.37	178.64	7784.30	-508.67	12.07	508.81	8.00	407647.63	530350.37	
8200.00	89.37	178.64	7792.36	-608.23	14.43	608.41	8.00	407548.07	530352.73	
8207.83	90.00	178.64	7792.40	-616.07	14.62	616.24	8.00	407540.23	530352.92	LP
8300.00	90.00	178.64	7792.40	-708.21	16.81	708.41	0.00	407448.09	530355.11	
8400.00	90.00	178.64	7792.40	-808.18	19.18	808.41	0.00	407348.12	530357.48	
8500.00	90.00	178.64	7792.40	-908.15	21.55	908.41	0.00	407248.15	530359.85	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	VS (US ft)	DLS (%/100US ft)	Northing (US ft)	Eastng (US ft)	Comment
8600.00	90.00	178.64	7792.40	-1008.12	23.92	1008.41	0.00	407148.18	530362.22	
8700.00	90.00	178.64	7792.40	-1108.09	26.30	1108.41	0.00	407048.21	530364.60	
8800.00	90.00	178.64	7792.40	-1208.07	28.67	1208.41	0.00	406948.23	530366.97	
8900.00	90.00	178.64	7792.40	-1308.04	31.04	1308.41	0.00	406848.26	530369.34	
9000.00	90.00	178.64	7792.40	-1408.01	33.41	1408.41	0.00	406748.29	530371.71	
9100.00	90.00	178.64	7792.40	-1507.98	35.79	1508.41	0.00	406648.32	530374.09	
9200.00	90.00	178.64	7792.40	-1607.95	38.16	1608.41	0.00	406548.35	530376.46	
9300.00	90.00	178.64	7792.40	-1707.92	40.53	1708.41	0.00	406448.38	530378.83	
9400.00	90.00	178.64	7792.40	-1807.90	42.90	1808.41	0.00	406348.40	530381.20	
9500.00	90.00	178.64	7792.40	-1907.87	45.28	1908.41	0.00	406248.43	530383.58	
9600.00	90.00	178.64	7792.40	-2007.84	47.65	2008.41	0.00	406148.46	530385.95	
9700.00	90.00	178.64	7792.40	-2107.81	50.02	2108.41	0.00	406048.49	530388.32	
9800.00	90.00	178.64	7792.40	-2207.78	52.39	2208.41	0.00	405948.52	530390.69	
9900.00	90.00	178.64	7792.40	-2307.76	54.77	2308.41	0.00	405848.54	530393.07	
10000.00	90.00	178.64	7792.40	-2407.73	57.14	2408.41	0.00	405748.57	530395.44	
10100.00	90.00	178.64	7792.40	-2507.70	59.51	2508.41	0.00	405648.60	530397.81	
10200.00	90.00	178.64	7792.40	-2607.67	61.88	2608.41	0.00	405548.63	530400.18	
10300.00	90.00	178.64	7792.40	-2707.64	64.25	2708.41	0.00	405448.66	530402.55	
10400.00	90.00	178.64	7792.40	-2807.62	66.63	2808.41	0.00	405348.68	530404.93	
10500.00	90.00	178.64	7792.40	-2907.59	69.00	2908.41	0.00	405248.71	530407.30	
10600.00	90.00	178.64	7792.40	-3007.56	71.37	3008.41	0.00	405148.74	530409.67	
10700.00	90.00	178.64	7792.40	-3107.53	73.74	3108.41	0.00	405048.77	530412.04	
10800.00	90.00	178.64	7792.40	-3207.50	76.12	3208.41	0.00	404948.80	530414.42	
10900.00	90.00	178.64	7792.40	-3307.47	78.49	3308.41	0.00	404848.83	530416.79	
11000.00	90.00	178.64	7792.40	-3407.45	80.86	3408.41	0.00	404748.85	530419.16	
11100.00	90.00	178.64	7792.40	-3507.42	83.23	3508.41	0.00	404648.88	530421.53	
11200.00	90.00	178.64	7792.40	-3607.39	85.61	3608.41	0.00	404548.91	530423.91	
11300.00	90.00	178.64	7792.40	-3707.36	87.98	3708.41	0.00	404448.94	530426.28	
11400.00	90.00	178.64	7792.40	-3807.33	90.35	3808.41	0.00	404348.97	530428.65	
11500.00	90.00	178.64	7792.40	-3907.31	92.72	3908.41	0.00	404248.99	530431.02	
11600.00	90.00	178.64	7792.40	-4007.28	95.10	4008.41	0.00	404149.02	530433.40	
11700.00	90.00	178.64	7792.40	-4107.25	97.47	4108.41	0.00	404049.05	530435.77	
11800.00	90.00	178.64	7792.40	-4207.22	99.84	4208.41	0.00	403949.08	530438.14	
11900.00	90.00	178.64	7792.40	-4307.19	102.21	4308.41	0.00	403849.11	530440.51	
12000.00	90.00	178.64	7792.40	-4407.16	104.58	4408.41	0.00	403749.14	530442.88	
12100.00	90.00	178.64	7792.40	-4507.14	106.96	4508.41	0.00	403649.16	530445.26	
12200.00	90.00	178.64	7792.40	-4607.11	109.33	4608.41	0.00	403549.19	530447.63	
12300.00	90.00	178.64	7792.40	-4707.08	111.70	4708.41	0.00	403449.22	530450.00	
12400.00	90.00	178.64	7792.40	-4807.05	114.07	4808.41	0.00	403349.25	530452.37	
12500.00	90.00	178.64	7792.40	-4907.02	116.45	4908.41	0.00	403249.28	530454.75	
12540.19	90.00	178.64	7792.40	-4947.20	117.40	4948.59	0.00	403209.10	530455.70	PBHL 4H

PECOS DISTRICT CONDITIONS OF APPROVAL

Original COA still applies, except for the replacement of the cement filled requirement for the 7-5/8th intermediate casing. This has been replaced with the following:

The minimum required fill of cement behind the 7-5/8 inch intermediate casing is:

Option 1: Single Stage

- ☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.

Option 2: Multi-Stage

Operator has proposed DV tool at depth of 1950 feet. Operator is to submit sundry if DV tool depth varies by more than 100 feet from approved depth.

a. First stage to DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve approved top of cement on the next stage.

b. Second stage above DV tool:

- ☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.