	UNITED STATES	TERIOR	OCD Arte IM OIL CON ARTESIA D	ISTRICT	FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018 5. Lease Serial No. NMNM22080				
SUNDRY	UREAU OF LAND MANAC	RTS ON WE	MAR 0 {						
Do not use thi abandoned we	is form for proposals to o II. Use form 3160-3 (APD	)) for such p	enter an roposalRECE)		6. If Indian, Allottee or Tribe Name				
SUBMIT IN	TRIPLICATE - Other inst	ructions on	page 2		7. If Unit or CA/Agre	ement, Name and/or No.			
1. Type of Well	1er				8. Well Name and No BARCLAY FEDE				
2. Name of Operator LINN OPERATING INC.	Contact: [ E-Mail: DGORDON			9. API Well No. 30-015-24954					
3a. Address 600 TRAVIS ST. SUITE 1400 HOUSTON, TX 77002		. (include area code) 0-4010 0-4340		10. Field and Pool or LIVINGSTON F					
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)				11. County or Parish,	State			
Sec 1 T23S R31E Mer 6PM 6	60FSL 1980FWL				EDDY COUNT	Y, NM			
12. CHECK THE AI	PROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OT	HER DATA			
TYPE OF SUBMISSION				FACTION		<u> </u>			
	Acidize	Dee	pen	Producti	on (Start/Resume)	□ Water Shut-Off			
Notice of Intent	Alter Casing		raulic Fracturing	□ Reclama		U Well Integrity			
Subsequent Report	Casing Repair	🗖 New	Construction	Recomp	lete	□ Other			
Final Abandonment Notice	g and Abandon	Tempora	arily Abandon						
	Convert to Injection	🗖 Plug	Back	🗖 Water D	Disposal				
following completion of the involved testing has been completed. Final Al determined that the site is ready for f Linn Operating Inc. is respect review and approval for the Ba	pandonment Notices must be file inal inspection. fully submitting the attache	ed only after all ed plug and a	requirements, includ	ling reclamation	, have been completed	60-4 must be filed once and the operator has			
Rhan II.	RECLAMATION ATTACK	HED			ATTACHED DITIONS OF	FOR APPROVAL			
Below ground Lev 14. I hereby certify that the foregoing is		e mar	Fer Ce	guired	<u>, 6°C (</u>	iming			
The receipt contrast that the foregoing is	Electronic Submission #3	67229 verifie	d by the BLM We C., sent to the C	Il Information arished	System	6m			
	Committed to AFMSS for p	processing by	DEBORAH MCK	INNEY on 02/	16/2017 ()	, 10 <sup>00</sup>			
Name (Printed/Typed) DEBI GO	RDON		Title REGUL	ATORY MA	NAGER	01			
Signature (Electronic	Submission)		Date 02/15/2	017	System 16/2017 () VAGER	OC B			
<u>,</u>	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE US	SE	11			
	$\overline{)}$		0.	11-5	/	2-28-17			
_Approved ByAMP	64. lan	⊴	Title SC	61	•	Date			
Conditions of approval, if any, are attache certify that the applicant holds legal or equivince would enable the applicant to condu- which would enable the applicant to condu-	litable title to those rights in the	not warrant or subject lease	Office (Fi	0					
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent a	U.S.C. Section 1212, make it a statements or representations as	crime for any pe to any matter w	erson knowingly and ithin its jurisdiction.	willfully to ma	ke to any department o	r agency of the United			

(Instructions on page 2) \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

# **BARCLAY FEDERAL #1** PROPOSED P&A PROCEDURE

Eddy County, NM API: 30-015-24954 Linn Operating

- 1. Notify BLM & OCD of work prior to rig up.
- 2. MIRU P&A rig.

- 8. Cut off wellhead. Weld on "below ground dry hole marker".

MIRU P&A rig.
 Tag CIBP at 6122'. Circulate hole with mud laden fluid. Drill out CIBP. RIH To
 Spot 25 sks cmt on top of CIBP at 6122'-6022'.
 Superf & Sqz 50 sks cmt at 4570'-4390'. WOC and Tag.
 Perf & Sqz 35 sks cmt at 845'-745'. WOC and Tag.
 Perf & Sqz 50 sks cmt at 200'-surface.
 Cut off wollhoad Wold on "bolow ground dry hole marker"

LIN Ener				NM Sche	matic									
Laure Lauren	Name: BARCLAY FE	DERAL 00	1 (GRA	YBURG)										
	2.954 PERMINENT	Male Carlonia Male Carlonia	County:	Staterric NM	vinte: Socileit d'union (1923)			ç 76	Surety * Ma					
demand definition	Elevation (ft) Orig KB Elev (ft)	KB-Grd (ft) 22.00	Initial Spud 8/20/19	Date Rig Release Date	TD Date	(()) (25 (25 (1)	10107 ¥ 141 •		Torqua - 105° a da	al album tration in	1 40 1 310 4 1 40 1 310 4			
<u></u>	Original Ho	ole, 2/13/2017	3:47:07 P	······································	Original Hole Data									
	V	ertical schema	tic (actua	l)	Wellbores		_							
KB)			· · · · · · · · · · · · · · · · · · ·	سعد -Wellbore; 20,000; 22,0	North-South Distance 660.0	e (ft)	NS Fla FSL		st-West Dista 980.0	nce (ft)	EW Flag FWL			
22,0 51,8				52.0	Casing Strings Csg Des		OD Nom	D Nom	Wt/Len (i	.String Grade	Run Date			
791,0				Conductor Cement; 22.0- 52.0	Conductor Csa Des	52.0	20	18.73		String Grade	8/20/1984 Run Date			
792.0 794,9	— Salt (final) ———			Conductor; Casing; 22.0- 52.0	Surface	792.0	13 3/8	12,715	48.00	H-40	8/22/1984			
,100,1		~~~		Surface Casing Cement; 🔍 22.0-792.0	Csg Des Intermediate	4,520.0	10 3/4	ID Nom 9,95	45.50	K-55	Run Date 8/30/1984			
1,505,9 1,519,0	— Lamar (final) ————			Wellbore; 17.500; 52.0 795.0 Surface: Casing: 22.0-	Csg Des Production1	Set Dept. 12,600. 0		ID Nom 6.765	Wt/Len (i. 33.70	String Grade S-95	Run Date 9/23/1984			
4,52D,0 6,122,0	Middle Delaware; 6,480.0- 6,508.0; Perforated from			792.0 Intermediate Casing	Csg Des Production2 Liner	Set Dept. 15,388. 0		ID Nom. 3.92	WVLen (I 13.50	String Grade P-110	Run Date 10/29/1984			
6,123,0 6,171, <del>9</del>	6480'- 6508' with 1 spf. Upper Delaware: 6,172,0-		1	Cement; 22.0-4,520.0 Wellbore; 12.250; 795.0-	Cement Stages	1	LI				L			
6,306,1 5,480,0	6,306.0; Perforated from 6172'- 6188' (9 holes) and 6302'- 6306' (6 holes).			4,520.0 Packer Fluid; 22.0-6,122.0; 6,700	Description Conductor Cement	Top (ftKE 22.0	B) Btm (ftK 52.0		ALC.	concrete. N				
,507,9	Lower Delaware; 6,854.0- 7,077.0; Perforated from			Intermediate; Casing; 22.0- 4,520.0	Description	Top (ftKE	3) Btm (ftK	B) Eva		details repor	ted.			
3,854,0 7,077,1 3,006,9	6854'- 6866', 6960'- 6973', and 7071'- 7077' with 13 holes.		Ī	Production1 Casing Cement; 4,100.0-8,008.0 CIBP; 6,122.0-6,123.0;	Surface Casing Cement	22.0	792.0		urface	Cemented with 700 sac Class C cement; circulated 200 sacks of				
007.9			) N	6.700 Wellbore; 9.500; 4,520.0-	Description	Top (ftKE	3) Btm (ftK	B) Ev		cement to su	urface.			
8,349,1 1,548,9 1,649.0 1,993,1	<ul> <li>Bone Spring (final)</li> <li>Wolfcamp; 11,993.0 12,170.0; Perforated from 11,993'- 11,996', 12,026'-</li> </ul>			12,455.0 Production1 Casing Cement; 8,008.0-12,600.0 Cement Plug; 11,549.0-	Intermediate Casing Cement	22.0	4,520		ALC.	Cemented with 1500 sacks Lite Wt, followe 250 sacks Class C; circulated 500 sacks				
2.169.9	12,034', and 12,150'- 12,170' with 4 spf and 120			11,649.0 Cement Squeeze; 11,993.0-12,170.0	Description Production1	Top (ftKI 8,008,			al Method ALC.	Comment Stage 1 cer	nented with			
2,233,9 2,377.0	deg phasing.			Wellbore; 9.250; 12,455.0- 12,600.0 [Production1; Casing; 22.0-	Casing Cement	, ,				1050 sacks cement; circ sacks of cer	Class H sulated 350			
2,455,1			<b>—</b> —	12,600.0 Production2 Liner Casing	Description	Top (ftKl	B) Btm (ftK		al Method	surface.				
2,600.1		1		Cement; 12,377.0-	Production1	4,100.			ALC.	Stage 2 cer	mented with			
3,304,1 3,469,2	— Strawn (final) ————— — Atoka (final) ————		·	Cement Plug; 13,947.0- F 14,097.0	Casing Cement					1000 sacks followed by Class H. TC	200 sacks DC at 4100'			
3,946,9 4,025.9	Morrow (final)		·	Cement Plug; 13,947.0- 14,097.0						per Temper (9-24-1984)	ature Surve			
4,097.1	Monow (indi)			Wellbore; 6.250; 12,600.0- 15,500.0 Fish (Packer and Tubing);	Description Production2 Casing Cement		B) Btm (ftk 7.0 15,38	8.0 TE	al Method EMP DG	Comment Production I cemented w	iner			
4,344,2 4,399,9	Upper Morrow; 14,400.0-			14,314.0-14,344.0; 4.000	Casing Cemen					TOC at 12, calculated a	337' ssuming a 6			
4,414.0	14,414.0; Perforated from – 14,400'- 14,414'.			Cement Plug; 14,500.0- / 14,530.0						1/4" hole, 1. and 50% eff				
1,500.0 1,529.9				Cement Plug; 14,530.0-	Description Cement Plug	Top (ftKI 15,388	B) Btm (ftk 3.0 15,50		al Method AGGED	Comment Cement Fill				
4,549.9 4,550.9	Middle Morrow; 14,600.0- 14,652.0; Perforated from 14,600'- 14,616' (55			14,550.0 CIBP; 14,550.0-14,551.0; 4.000	Description Cement Plug	Top (ftK		(B) Ev	al Method	Comment Set a 25' ce CIBP. Date				
4.600.1 4,651.9	shots), 14,633' 14,636' (13 shots), and			Compart Diverse 4.4 750-0	Description Cement Plug	Top (ftK) 14,530	B) Btrn (ftk 0.0 14,55		al Method AGGED	Comment Set a 45' plu				
4,758.9 4,784.1	14,642'- 14,652' (41 shots). 109 total shots.			Cement Plug; 14,759.0- 14,784.0 CIBP; 14,784.0-14,785.0;	Description Cement Plug	Top (ftK) 14,500	B) Btm (ftk ).0 14,53		al Method AGGED	Comment Set an addit cement plug				
4,785,1 4,817,9 4,832.0 4,850.1	Lower Morrow; 14,818.0- 14,832.0; Perforated from 14818'- 14832' with 4 spf at 1/2" 60 total holes.			4.000 Production2 Liner Casing Cement (plug); 14,850.0- 15,388.0 Cement Plug; 15,388.0-	Description Cement Squeeze		3.0 12,17	0.0 C/		Comment Squeezed p from 11,993 150 sacks o	erforations '- 12,170' w			
4,850.1 5,387.1 5,388.1				[ 15,500.0 [ Production2 Liner; Casing; [ 12,233.0-15,388.0	Description Cement Plug	Top (ftKi 13,947	<ol> <li>Btm (ftK</li> <li>14,09</li> </ol>			Comment Spotted a 1 plug.	50' cement			
5,500,0			£	-Wellbore; 15,500.0	J									

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### NM Schematic LINN Energy Well Name: BARCLAY FEDERAL 001 (GRAYBURG) 634 3(0)0116 Eddys - IPE Ground Elevation (ft) Orig KB Elev (ft) 3,517,00 KB-Grd (ft) Initial Spud Date Rig Release Date TD Date 21 net 2101004<sup>10</sup> IN 3,495,00 22.00 8/20/1984 106510 0 2 3 WW Original Hole, 2/13/2017 3:47:07 PM **Original Hole Data** MD **Cement Stages** Vertical schematic (actual) (ffKB) Description Top (ftKB) Btm (ftKB) Eval Method Comment Cement Plug 11,549.0 11,649.0 TAGGED Spotted a 200' cement Wellbore; 20,000; 22,0- ... 22.0 plug. 52.0 51,8 Btm (ftKB) Description Top (ftKB) Eval Method Comment Conductor Cement; 22.0-Cement Plua 13,947.0 14,097.0 TAGGED Set a 150' cement plug 791,0 52.0 on packer. Conductor; Casing; 22.0-792,0 Tubing Strings 152.0 794 9 Salt (final) Tubina Descriptior Set Depth. Run Date Pull Date Surface Casing Cement; 4 100 1 Tubing - Production 22.0-792.0 Perforations 4.505.9 Lamar (final) Wellbore; 17,500; 52,0-795.0 Top (ftKB) Btm (ftKB) Comment 4,519,0 6.172.0 6,306.0 Perforated from 6172'- 6188' (9 holes) and 6302'-Surface; Casing; 22.0-4.520.0 6306' (6 holes). 792,0 Middle Delaware; 6,480.0-6,122,0 Intermediate Casing Btm (ftKB) Top (ftKB) Comment 6 508 0: Perforated from 6,480.0 6,508,0 Perforated from 6480'- 6508' with 1 spf. Cement: 22.0-4.520 0 6 123 0 6480'- 6508' with 1 spf Wellbore; 12.250; 795.0-Top (ftKB) Btm (ftKB) 6 171 9 Upper Delaware; 6,172.0-4,520.0 6,854.0 7,077.Ó Perforated from 6854'- 6866', 6960'- 6973', and 6,306.0; Perforated from 6,306, Packer Fluid: 22.0-6.122.0; 7071'- 7077' with 13 holes. 6172'- 6188' (9 holes) and 6,480,0 6,700 6302'- 6306' (6 holes). Top (ftKB Btm (ftKB Commer Intermediate; Casing; 22.0-11,993.0 12,170.0 Perforated from 11,993'- 11,996', 12,026'- 12,034', 6,507. Lower Delaware: 6 854 0-4,520.0 and 12,150'- 12,170' with 4 spf and 120 deg 7.077.0: Perforated from 6.854. Production1 Casing phasing. 6854'- 6866', 6960'- 6973', 7.077.1 Cement; 4,100.0-8,008.0 and 7071'- 7077' with 13 Commer Top (ftKB) tm (ftKB 8.006.9 holes CIBP; 6,122.0-6,123.0; 14,400.0 14,414,0 Perforated from 14,400'- 14,414'. 6.700 6.007. Top (ftKB) Btm (ftKB) Comment Wellbore; 9,500; 4,520.0-14,600,0 14,652,0 Perforated from 14,600'- 14,616' (55 shots), Bone Spring (final) · 8.349.1 12,455.0 14,633'- 14,636' (13 shots), and 14,642'-11 548 9 Production1 Casing 14,652' (41 shots). 109 total shots. Wolfcamp; 11,993.0-Cement; 8,008.0-12,600.0 11,649.0 Top (ftKB) Btm (ftKB) Comment 12,170.0; Perforated from Cement Plug; 11,549.0-14,832.0 Perforated from 14818'- 14832' with 4 spf at 1/2". 14.818.0 11,993,1 11,993'- 11,996', 12,026'-11 649 0 60 total holes 12,034', and 12,150'-12,169,9 Cement Squeeze; 12,170' with 4 spf and 120 Other In Hole 12,232.9 11,993.0-12,170.0 deg phasing Top (ftKB) Btm (ftKB) Run Date Com Des Wellbore; 9.250; 12,455.0-12.233.5 14,784.0 14,785.0 4/24/1995 CIBP Set date not reported. 12,600.0 12.377.0 14,551.0 4/25/1995 Set 4-1/2" CIBP at CIBP 14.550.0 Production1; Casing; 22.0-12,455, 14.550 12,600.0 Packer set at 14,344'. 12,599, Production2 Liner Casing Fish (Packer 14,314.0 14,344.0 2/18/1999 Cement; 12,377.0-Cut stuck tubing at and Tubing) 12,600,1 15.388.0 14.314'. Strawn (final) 13,304,1 Cement Plug; 13,947.0-CIBP 6,122.0 6,123.0 2/9/2002 13,469,2 - Atoka (final) 14.097.0 Filled casing with packer Packer Fluid 22.0 6,122.0 2/9/2002 Cement Plug; 13,947.0-13,946,9 fluid. 14 097 0 Morrow (final) 14,025.9 Formations Wellbore; 6.250; 12,600.0-14,097. 15,500.0 Final Btm. Comment Lamar 4,506.0 14,314.0 Fish (Packer and Tubing): Final Top. Final Btm. Formation 14,314.0-14,344.0; 4.000 Comment 14,344.2 Bone Spring 8,349.0 Upper Morrow: 14,400.0-14,399.9 Formation Final Top Final Btm. Comment 14,414.0; Perforated from Cement Plug; 14,500.0-14,414,D Wolfcamp 11.649 14.400'- 14,414'. 14.530.0 0 14.500.0 Cement Plug; 14,530.0-Formation Final Ton Final Btm. Comment 14.529.9 14,550.0 Strawn 13.304 Middle Morrow: 14.600.0-14.549.9 CIBP; 14,550.0-14,551.0; I٨ 14.652.0: Perforated from 4,000 Formation Final Top. Final Btm. Comment 14,600'- 14,616' (55 Atoka 13.469 shots), 14,633'-0 14,636' (13 shots), and 14,651,9 Cement Plug; 14,759.0-14,642'- 14,652' (41 Formation Final Top Final Btm. Comment 14,758,9 14 784 0 14,026 shots). 109 total shots. Morrow CIBP; 14,784.0-14,785.0; 14,784,1 0 4.000 Final Btm 14,785, Formation Final Top. Comment Lower Morrow; 14,818.0-Production2 Liner Casing Salt 795.0 4 441.0 14,817,9 14,832.0; Perforated from Cement (plug); 14,850.0-14818'- 14832' with 4 spf 14,832.0 15.388.0 at 1/2". 60 total holes. Cement Plug; 15,388.0-14,850,1 15.500.0 15,387. Production2 Liner; Casing; 15,388,1 12,233.0-15,388.0 15,500.0 Wellbore: 15.500.0

### **NM Schematic** LINN Energy Well Name: BARCLAY FEDERAL 001 (GRAYBURG) COLS! s(0(0/4/5/ สะเสียงสำหรับเหล่า EGGY. /ajjuutte (\*); 872 - 470-1240 (\*)0240 (\*) Ground Elevation (ft) Orig KB Elev (ft) 3,517,00 KB-Grd (ft) Initial Spud Date **Rig Release Date** TD Date 3,495.00 10 21: 1 VX 22.00 8/20/1984 Original Hole, 2/13/2017 3:53:20 PM **Original Hole Data** MD Wellbores Vertical schematic (actual) (ftKB) North-South Distance (ft) East-West Distance (ft) EW Flag NS Flag 660.0 FSL 1.980.0 FWL Proposed Cement Plug; ... 22.0 **Casing Strings** 22,0-200,0 51,8 Csg Des Wt/Len (I. String Grade Run Date Wellbore; 20.000; 22.0-52.0 Set Dept OD Nom ID Nom PROPOSED PERF; 200.0 200,1 8/20/1984 Conductor 52.0 20 18.73 Conductor Cement; 22,0-745. Set Dept OD Nom Wt/Len (I Run Date Csq Des ID Nom String Grade 52.0 Surface 792.0 13 3/8 12.715 48.00 -1-40 8/22/1984 791.0 Conductor; Casing; 22.0-Set Dept Wt/Len (I String Grade 52.0 Csg Des OD Nom ID Nom Run Date 792.0 8/30/1984 Intermediate K-55 4.520.0 10 3/4 9.95 45.50 Surface Casing Cement; 794.9 Salt (final) Csg Des Production1 22.0-792.0 Set Dept. OD Nom Run Date ID Nom WVLen (I String Grade PROPOSED PERF; 845.0 845. 12,600 7 5/8 6.765 33,70 S-95 9/23/1984 Wellbore; 17,500; 52.0-4 100 795.0 n Proposed Cement Plug; 4,390. Csg Des Set Dept. OD Nom Nt/Len (I String Grade Run Date ID Nom Lamar (final) · 745.0-845.0 Production2 15,388. 4 1/2 3,92 13,50 P-110 10/29/1984 4.505 Surface; Casing; 22.0-792.0 Liner 0 4 519 0 Intermediate Casing **Cement Stages** 4,520,0 PROPOSED PERF Cement; 22.0-4,520,0 Description Btm (ftKB) Eval Method Top (ftKB) Commer 4.570.0 4,569,9 Wellbore; 12.250; 795.0-PROPOSED - Cap CIBP 6,022.0 Proposed 6.122.0 Middle Delaware; 6,480.0-6.022.0 4.520 0 Cement Plug with 25 sks cmt at 6122'-6,508.0; Perforated from Proposed Cement Plug: 6.122.0 6022'. 6480'- 6508' with 1 spf. 4,390.0-4,570.0 6,123,0 Comment Description Top (ftKB) Btm (ftKB) Eval Method Upper Delaware: 6,172.0-Intermediate; Casing; 22.0-PROPOSED - Perf & Saz 6,171,9 Proposed 4,390.0 4,570.0 6.306.0: Perforated from Ň 4.520.0 50 sks cmt at 4570'-6,306, 6172'- 6188' (9 holes) and Cement Plug Proposed Cement Plug; 4390', WOC and Tag. 6302'- 6306' (6 holes). 6 480 D 6,022.0-6,122.0 Lower Delaware; 6,854.0-Comment Production1 Casing Description Top (ftKB) Btm (ftKB) Eval Method 6,507,9 Cement; 4,100.0-8,008.0 745.0 845.0 PROPOSED - Perf & Sqz 7,077.0; Perforated from Proposed 6,854,0 35 sks cmt at 845'-745'. 6854'- 6866', 6960'- 6973', Cement Plug CIBP; 6,122.0-6,123.0; 7.077. and 7071'- 7077' with 13 WOC and Tag. 6 700 8.006.9 holes. Wellbore; 9.500; 4,520.0-Description Top (ftKB) Btm (ftKB) Eval Method PROPOSED - Perf & Sqz 8.007.9 12,455,0 22,Ò 200.0 Proposed Bone Spring (final) -Production1 Casing Cement Plug 50 sks cmt at 200'-8,349, Cement; 8,008.0-12,600.0 surface 11.548.9 Wolfcamp; 11,993.0-Cement Plug; 11,549.0-Comment Eval Method Description Top (ftKB) Btm (ftKB) 11,649,0 12,170.0; Perforated from 11,649.0 22,Ò Cemented with Redi Mix Conductor 52.Ò CALC. 11.993.1 11,993'- 11,996', 12,026'-Cement Squeeze; 11,993.0-Cement concrete. No other 12,034', and 12,150'-12,169.9 12,170.0 details reported. 12,170' with 4 spf and 120 12,232.9 Top (ftKB) Btm (ftKB) Eval Method Comment Description deg phasing. Wellbore; 9.250; 12,455.0-12,233.9 Cemented with 700 sacks Surface Casing 22.0 792.0 Returns to 12.600.0 12,377,0 Class C cement: Cement Surface Production1: Casing: 22.0circulated 200 sacks of 12,455, 12,600.0 cement to surface. 12.599. Production2 Liner Casing Top (ftKB) 22.0 Eval Method CALC. Cement; 12,377.0-15,388.0 Description Btm (ftKB) Comment 12,600,1 Intermediate 4 520.0 Cemented with 1500 Cement Plug; 13,947.0-Strawn (final) 13,304.1 14,097.0 Casing Cement sacks Lite Wt. followed by 13,469,2 Atoka (final) Cement Plug; 13,947.0-250 sacks Class C; 14.097.0 circulated 500 sacks of Wellbore; 6.250; 12,600.0-Morrow (final) cement to surface 14.025.9 15,500.0 14,097. Description Top (ftKB) Btm (ftKB) Eval Method Comment Production1 8,008.0 12,600,0 CALC. Stage 1 cemented with 14,314.0 Fish (Packer and Tubing); 维 Casing Cement 1050 sacks Class H 14,314.0-14,344.0; 4.000 14 344.2 Upper Morrow; 14,400.0cement; circulated 350 14,399,9 14,414.0; Perforated from sacks of cement to Ľ Cement Plug; 14,500.0-14,414.0 14,400'- 14,414'. surface. 14,530.0 14 500 0 Description Top (ftKB) Btm (ftKB) Eval Method Comment Cement Plug; 14,530.0-14,529,9 Production1 4,100.0 8,008.0 CALC. Stage 2 cemented with 14.550.0 Middle Morrow; 14,600.0-1000 sacks Howco Lite Casing Cement 14.549.9 CIBP; 14,550.0-14,551.0; 14,652.0; Perforated from followed by 200 sacks 14,550,9 4 000 14,600'- 14,616' (55 Class H. TOC at 4100' 14.600.1 shots), 14,633'per Temperature Survey 14,636' (13 shots), and Cement Plug; 14,759.0-14,651.9 (9-24-1984). 14,642'- 14,652' (41 14.784.0 14,758,9 Top (ftKB) Btm (ftKB) 12,377.0 15,388.0 Comment shots). 109 total shots. CIBP; 14,784.0-14,785.0; Description Eval Method 14,784,1 Production2 TEMP Production liner 4.000 14,785. Lower Morrow; 14,818.0-Casing Cement LOG cemented with 550 sacks. Production2 Liner Casing 14,832.0; Perforated from 14 817 9 Cement (plug); 14,850.0-TOC at 12,337 14818'- 14832' with 4 spf 15,388.0 calculated assuming a 6-14.832.0 Cement Plug; 15,388.0at 1/2". 60 total holes. 1/4" hole, 1.18 yield/sack, 14,850,1 15 500 0

15.387.1

15,388,

15,500,0

Description

Cement Plug

Top (ftKB)

Btm (ftKB)

15,388.0 15,500.0 TAGGED

Eval Method

Production2 Liner; Casing;

12,233.0-15,388.0

Wellbore; 15,500.0

and 50% efficiency.

Commen

Cement Fill

### LINN Énergy

**NM Schematic** 

## Well Name: BARCLAY FEDERAL 001 (GRAYBURG)

Ground F	ZALIS REPAIR THE Elevation (ft) Orig KB Elev (ft)	BARCI AY SOL KB-Grd (ft)	Initial Spud	i Date	Rig Release Date	TD Date	0264	s ling <u>a an</u>	(08) (* 1.		l lan <u>aita</u>		7 19/mm	
3,495.		22.00	8/20/19				32	4. 40% (O	(0)07(1) N			C. St. P.W.	у сы	
T	Original	Hole, 2/13/20	17 3:53:20 P	M					Origir	nall	Hole Dat	a		
MD ( ftKB)		Vertical sche	matic (actua	l)		Cement Sta Description	iges	Top (ftKB	) Btrn (ftł		Eval Method	Comment		
22.0	STATERALING DURING BAR DE DURING AND			e Propos	ed Cement Plug; سسس 0.0	Cement Plu	g				TAGGED	Set a 25	cement plug or ate not reported	
51.8 200,1	PROPOSED PERF; 200.0	, 		YWellbo	re; 20.000; 22.0-52.0 ctor Cement; 22.0-	Description Cement Plu	g		.0 14,55	60.0	Eval Method		plug on CIBP.	
745.1 ; 791.0 792.0				52,0 Conductor; Casing; 22,0- 52.0		Description Top (ftKB Cement Plug 14,500		B) Bim (ftKB) 0.0 14,530.0		Eval Method TAGGED	Comment Set an additional 30' cement plug on CIBP.			
794,9 845,1 4,100,1	— Salt (final) ———— PROPOSED PERF; 845.0			22.0-79 Wellbo 795.0				Top (ftKB 11,993		3tm (ftKB) Eval Me 12,170.0 CALC		from 11,	ed perforations 993'- 12,170' wit ks of cement.	
4,390,1 4,505,9 4,519,0	Lamar (final)			Proposed Cement Plug; 745.0-845.0 Surface; Casing; 22.0-792.0		Description Cement Plu	g	Top (ftKB) 13,947.0				Comment Spotted plug.	a 150' cement	
4,520 <u>.</u> 0 4,569.9	PROPOSED PERF 4,570.0			Cemen Wellbo	ediate Casing it; 22.0-4,520.0 re; 12.250; 795.0-	Description Cement Plu	g	Top (ftKB 11,549	Btm (ftKB) 0 11,649.0		Eval Method TAGGED	Comment Spotted plug.	a 200' cement	
6,022.0 6,122.0 6,123.0	6,508.0; Perforated from 6480'- 6508' with 1 spf	18.0; Perforated from 80'- 6508' with 1 spf.		4,390.0	ed Cement Plug; )-4,570.0	Description Cement Plu	g	Top (ftKE 13,947			Eval Method TAGGED	Comment	0' cement plug er.	
6,171,9	Upper Delaware; 6,172.0 6,306.0; Perforated from			Interme 4,520.0	ediate; Casing; 22.0-	Tubing Str	ings				I			
6,306,1 6,480,0 6,607,9	6172'- 6188' (9 holes) and 6302'- 6306' (6 holes) Lower Delaware; 6,854,0-			Propos 6,022.0	ed Cement Plug; 0-6,122.0 tion1 Casing		Tubing Description Tubing - Production				epth. Run I	Date	Pull Date	
5,854.0 7,077.1	7,077.0; Perforated from 6854'- 6866', 6960'- 6973'	prated from			it; 4,100.0-8,008.0 5,122.0-6,123.0;	Top (ftKB) 200.0	Top (ftKB) Btm (ftKB)			Comment				
9,000,0	and 7071'- 7077' with 13 holes			-6.700 Wellbo	re; 9,500; 4,520,0-	Top (ftKB)	Btm (f 845.		Comment					
,007.9			12,455.0 Production1 Casing –			845.0 Top (ftKB) 4,570.0	045. Btm (f 4,57	tKB)	(B) Comment					
1,548.9 1,649,0	Wolfcamp; 11,993.0 12,170.0; Perforated from			nt; 8,008.0-12,600.0 nt Plug; 11,549.0- .0	Тор (ftКВ) 6,172.0	Btm (f 6,30	tкв) 6.0	(B) Comment .0 Perforated from 6172'- 6 6306' (6 holes). (B) Comment			om 6172'- 6188' (9 holes) and 6302'. es).			
1,993,1 2,169.9	11,993'- 11,996', 12,026' 12,034', and 12,150' 12,170' with 4 spf and 12(		¥	Cemer 12,170	nt Squeeze; 11,993.0- .0	Top (ftKB) 6,480.0	Top (ftKB) Btm (ftKB)				508' with 1 spf.			
2,232.9 2,233.9 2,377.0	deg phasing			[12,600	re; 9.250; 12,455.0- .0 tion1; Casing; 22.0-	Top (ftKB) 6,8 <b>54</b> .0	Btm (f 7,07	7.0	Comment Perforated from 6854'- 6866', 6960'- 6973' 7071'- 7077' with 13 holes.				0'- 6973', and	
2,455.1 2,599.1 2,600.1 3,304.1	Strawn (final)			Тор (ffKB) 11,993.0	Btm (f 12,1	70.0								
3,459.2 3,946,9	Atoka (final)			14,097 Cemer 14,097	nent Plug; 13,947.0-	Тор (ftKB) 14,400.0	14,400.0 14,414.0		Comment Perforated from 1		om 14,400	4,400'- 14,414'.		
4,025,9 4,097,1 4,314,0	Morrow (final)				re; 6.250; 12,600.0-	Top (ftKB) 14,600.0	Btm (f 14,6	52.0	Comment Perforated from 14,600'- 14,616 14,633'- 14,636' (13 shots), and 14,652' (41 shots), 109 total sho			ots), and 1	14,642'-	
4,344.2 4,399.9	Upper Morrow; 14,400.0- 14,414.0; Perforated from	Perforated from					Btm (f 14,8	tKB) 32.0	Comment Perforated from 14818'- 14832' with 4 spf at 1/2". 60 total holes.					
4,414,0	14,400'- 14,414'	1		/ 14,530		Other In H								
4,529.9	Middle Mannes 44 000 0		š	_Cemer 14,550	it Plug; 14,530.0- .0	Des CIBP		Top (ftKB) 14,784.0	Btm (ftK	_	Run Date 4/24/1995	Set date	Com e not reported.	
1,549.9 1,550.9	Middle Morrow; 14,600.0- 14,652.0; Perforated from 14,600'- 14,616' (55		<b></b>	-	.0 14,550.0-14,551.0;	CIBP		4,784.0	· · · · ·		4/25/1995		2" CIBP at	
,600.1 ,651,9 ,758,9	shots), 14,633'- 14,636' (13 shots), and 14,642'- 14,652' (41			Cemer 7.14,784	it Plug; 14,759.0- .0	Fish (Packe and Tubing		4,314.0	14,344	.0 2	2/18/1999	Packer : Cut stud	set at 14,344'. k tubing at	
1,784,1	shots). 109 total shots.			CIBP; 4,000	14,784.0-14,785.0;	CIBP	-+	6,122,0	6 123	0 2	2/9/2002	14,314'.		
4,785,1	Lower Morrow; 14,818.0-			Produc	tion2 Liner Casing	Formation		5,122.0	1 0,120	10 12				
1,817.9 1,832.0	14,832.0; Perforated from 14818'- 14832' with 4 spl		F I	it (plug); 14,850.0- .0 t Blug: 15 288 0	Formation Final Top.  Final Btm.  Comment Lamar 4,506.0									
4,850,1 5,387,1	at 1/2". 60 total holes.			[15,500	t Plug; 15,388.0- .0 tion2 Liner; Casing;	Formation Bone Sprin				itm	Comment			
		4			.0-15,388.0					- '				

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### **NM Schematic** LINN Energy Well Name: BARCLAY FEDERAL 001 (GRAYBURG) 3001524954 Eddy **PBNM** Ground Elevation (ft) Orig KB Elev (ft) KB-Grd (ft) Initial Spud Date Rig Release Date TD Date 3,495.00 3,517,00 22.00 8/20/1984 19 40 004"N Original Hole, 2/13/2017 3:53:20 PM **Original Hole Data** MD Formations Vertical schematic (actual) (ffKB) ormation Final Top Final Btm. Comment Wolfcamp 11,649. Proposed Cement Plug: u 22.0 0 22.0-200.0 51,8 Formation Final Top. Final Btm. Comment Wellbore; 20,000; 22,0-52,0 PROPOSED PERF; 200.0 200, Strawn 13.304 Conductor Cement; 22.0-0 745. 52.0 791.3 Conductor; Casing; 22.0-Formation Final Top Final Btm. Comment 52.0 Atoka 13.469. 792 0 0 Surface Casing Cement; 794,9 Salt (final) 22.0-792.0 Formation Final Top. Final Btm. Comment PROPOSED PERF; 845.0 845. Weilbore; 17.500; 52.0-Morrow 14,026. 4.100 795.0 0 Proposed Cement Plug; 4.390 Formation Final Top. Final Btm. Comment 745.0-845.0 Lamar (final) 795.0 Salt 4.441.0 4,505,9 Surface; Casing; 22.0-792.0 4,519,0 Intermediate Casing 4.520.0 PROPOSED PERF: Cement; 22.0-4,520.0 4,569,9 4 570 0 Wellbore; 12,250; 795,0-Middle Delaware; 6,480.0-6,022,0 4.520.0 6,508.0; Perforated from Proposed Cement Plug; 6,122,0 6480'- 6508' with 1 spf. 4,390,0-4,570,0 6,123,0 Upper Delaware; 6,172.0-Intermediate; Casing; 22.0-6,171,9 6.306.0: Perforated from 4,520.0 6,306, 6172'- 6188' (9 holes) and 7 Proposed Cement Plug; 6,480,0 6302'- 6306' (6 holes). 6,022.0-6,122.0 Lower Delaware; 6,854.0-Production1 Casing 6,507,9 7,077.0; Perforated from Cement; 4,100,0-8,008,0 6,854,0 6854'- 6866', 6960'- 6973', CIBP; 6,122.0-6,123.0; 7,077. and 7071'- 7077' with 13 6 700 holes Wellbore; 9.500; 4,520.0-8 007 9 12,455.0 Production1 Casing 8.349.1 Bone Spring (final) Cement; 8,008.0-12,600.0 11.548.9 Cement Plug; 11,549.0-Wolfcamp; 11,993.0-11,649, 12,170.0; Perforated from 11.649.0 11 993 1 11,993'- 11,996', 12,026'-Cement Squeeze; 11,993.0-12,034', and 12,150'-12,169,9 12,170.0 12,170' with 4 spf and 120 12,232.9 deg phasing. Wellbore; 9.250; 12,455.0-12,233,9 12,600.0 12,377.0 Production1; Casing; 22.0-12,455,1 12,600.0 12,599. Production2 Liner Casing Cement; 12,377.0-15,388.0 12.600.1 Cement Plug; 13,947.0-13,304.1 Strawn (final) 14.097.0 - Atoka (final) 13,469,2 Cement Plug; 13,947.0-14,097.0 Wellbore; 6.250; 12,600.0-14 025 9 Morrow (final) 15,500.0 14,097.1 14,314,0 Fish (Packer and Tubing): 2 14,314.0-14,344.0; 4.000 14,344,2 Upper Morrow; 14,400.0-14.399.9 14,414.0; Perforated from Cement Plug; 14,500.0-14,414,0 14,400'- 14,414'. 14,530.0 Cement Plug; 14,530.0-14 529 9 14,550.0 Middle Morrow; 14,600.0-14,549,9 CIBP: 14.550.0-14.551.0: 14,652.0; Perforated from 4.000 14,550.9 14,600'- 14,616' (55 14,600. shots), 14,633'-14,636' (13 shots), and 14,651.9 Cement Plug; 14,759.0-14,642'- 14,652' (41 14,784.0 14,758,9 shots). 109 total shots. CIBP; 14,784.0-14,785.0; 14,784,1 4.000 14,785,1 Lower Morrow; 14,818.0-Production2 Liner Casing 14,832.0; Perforated from 14,817. Cement (plug); 14,850.0-14818'- 14832' with 4 spf 14,832.0 15.388.0 Cement Plug; 15,388.0at 1/2". 60 total holes. 14.850.1 15,500.0 15,387.1 Production2 Liner; Casing; 15,388, 12,233.0-15,388.0

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15,500.0

Wellbore; 15,500.0

Operator Lina Ofernition Wall Nachos Bereinsten Hole Sine 11/2 API 10015211751 262 NB 1707ED Sec. 1 TZZS, R<u>31 E Eddy</u> CTY 700 SXS CRMPH R-11-P Scoreil ry Polach C + / tor i TOC At S.r.T 13/2 Casia S . 772 LPCH Hole Size 12/2 Top Sall 850 Bost 1 4076 1750 345 Cemi, FORMATIONS Lanar 4506 ZBS 2349 Toc : Seil . 7 W 11649 13.30 4 10 Casing Sai at 4520 \_\_\_\_\_S+ 1242-7 Hole Size <u>1/2</u> -259 SXS Central. TOCHT LOD TANK FGD/T STOL a gage that does 20 1 1 12 CT PERFORM ALLOZ IN ZON CANN ) 111212 D 14400 Beloct Ber 14 4 14 (4- MIR\_ 3) 14600 Giritto Jui 65 2 M MK 14300 Jui 65 2 M MK 14300 12170 (wr De 11993 502 12170 (wr De 1 © 7077 / 6 TE 6220 / 6 ID SOZ 74/2 Casing Some least solanies A. Amos EPA 575-234-597\* 41/2" liner 15350 - 12213 575. 361 - e 41 5 K. I 25 34 on t ABTO 1475-

### BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## Permanent Abandonment of Federal Wells Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement</u>: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. <u>Below Ground Level Cap (Lesser Prairie-Chicken Habitat)</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.** 

8. <u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted



# **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

### **Reclamation Objectives and Procedures**

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Appropriate time for submittal would be when filing the Vell Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech 575-234-5909, 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Henryetta Price Environmental Protection Specialist 575-234-5951

Shelly Tucker Environmental Protection Specialist 575-234-5979

Trishia Bad Bear, Hobbs Field Station Natural Resource Specialist 575-393-3612