Form 3160-5 (June 2015)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED OMB NO. 1004-0137 Evnires: January 31, 2015

ום	UREAU OF LAND MANA	GEMENT	IA M	עטטו	Expires: Janu	ary 31, 2018	
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter and abandoned well. Use form 3160-3 (APD) for such proposals.					<ol><li>Lease Serial No. NMSF078118</li></ol>		
					6. If Indian, Allottee or T	ribe Name	
					,,,	*	
SUBMIT IN TRIPLICATE - Other instructions on page 2					7. If Unit or CA/Agreement, Name and/or No. 14080011161		
1. Type of Well					8. Well Name and No. JOHNS FEDERAL O	COM 2	
Oil Well Gas Well Other  2. Name of Operator Contact: MANDI RAY					9. API Well No.		
HILCORP ENERGY COMPANY E-Mail: mray@hilcorp.com					30-045-11422-00-S1		
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002  3b. Phone No. Phi: 505-32					10. Field and Pool or Exploratory Area BLANCO MESAVERDE		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish, State		
Sec 18 T32N R11W NESW 1650FSL 1650FWL 36.982498 N Lat, 108.032043 W Lon					SAN JUAN COUNTY, NM		
12. CHECK THE AF	PROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION							
	☐ Acidize	☐ Acidize ☐ Deepen ☐ Pr		☐ Product	uction (Start/Resume)		
<b>ુ</b> − .	□ Notice of Intent □ Alter Casing		☐ Hydraulic Fracturing ☐ R		mation		
Subsequent Report	☐ Casing Repair	□ New	■ New Construction		lete	Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	□ Tempor	arily Abandon		
	☐ Convert to Injection.	☐ Plug Back ☐ Water [		isposal			
If the proposal is to deepen directions Attach the Bond under which the woi following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi	rk will be performed or provide operations. If the operation resonant on the pandonment Notices must be file	the Bond No. or sults in a multipl	n file with BLM/BIA e completion or reco	. Required sub impletion in a r	osequent reports must be fil- new interval, a Form 3160-4	ed within 30 days I must be filed once	
3/28/2018: MIRU. ND B-1. NU BOP. PT BOP ? OK. UNSEAT HANGER W/17K, MOVED TBG UPHOLE 1? AND OVERPULLED TO 19K WHEN STRING PARTED, 6K LEFT STRING ~4200? FISH LEFT IN HOLE. SIW, SDFN							
3/29/2018: M/U 2-5/16? GRAF TBG, TOOH, LD 20 JTS OF F 16K, RU WIRELINE TO CUT	ISH, REDRESS OVR SH	OT W/2-1/16	? GRAPPLE, TII	H LATCH FI	SH @ 3373? PULL UF	>	
4/2/2018: TOOH, LD 63 JTS 0 UNLOADING FLUID, TAG @! WASH PIPE. SIW, SDFN	DG 2-1/16? TBG FISH. 11 5079?, EST CIRC & ATTE	10? FISH IN I EMPT TO CC	IOLE, PU 3-3/4? , UNABLE TO G	WASH PIP SET PAST 5	E STAGE IN HOLE 080?, TOOH STAND I	ЗАСК	
14. I hereby certify that the foregoing is	true and correct.				•		
	Electronic Submission #4 For HILCORP EN	NERGY COMP	ANY, sent to the	Farmington			
Committed to AFMSS for processing by WILLIAM TAMBEKOU on 05/14/2018					•	ť	
Name (Printed/Typed) MANDI RAY			Title OPERA	HONS REG	GULATORY TECH	· ·	
Signature (Electronic Submission)			Date 04/30/20	018			
	THIS SPACE FO	R FEDERA			SE		
Approved By ACCEPTED			WILLIAM 1	TAMBEKOU UM ENGINE		Date 05/14/2018	
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 Farming			7 00: 17/2010	
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a		rson knowingly and		ke to any department or ago	ency of the United	
states any raise, nemious or mandulent s	sacrificities of representations as	to any matter W	umi its jurisdiction.				

(Instructions on page 2)
\*\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## Additional data for EC transaction #412760 that would not fit on the form

## 32. Additional remarks, continued

4/3/2018: MU 3-7/8? JUNK MILL AND 3-7/8? STRING MILL BHA AND TIH? TAG OBSTRUCTION @ 5079? ? RU PWR SWVL? BREAK CIRC W/AIR. M/U WASH OVER: SHOE AND 3-3/4? WASH PIPE AND TIH T/4677?. SDFN

4/4/2018: TIH W/WASH PIPE, TAG TOF@ 5405? ROTATE OVER TOF, WSH OVER FISH, T/5554? (33? PAST EST BTTM OF FISH), HVY RETURNS, CIRC CLEAN AND DRY UP, TOH W/WASH PIPE. MU 3-3/4? W/2-1/16? GRAPPLE, TIH TAG FISH @ 5446?, ENGAGE FISH AND SWALLOW 18? ? PU W/3K OVER STRING WT, FISH DRAGGING, POH TO 4485? (CALC BTTM OF FISH) SIW, SDFN

4/5/2018: TOOH LD FISH, 109?, BREAK CIRC, TAG @ 5440?, KI AIR UNIT, EST CIRC W/12BBL/HR WTR, 2 GAL SOAP AND 1 GAL CI. C/O F/5440? TO 5760? PBTD 220? FILL, CIRC UNITL RETURNS CLEAN. TOOH 18 STNDS. SIW, SDFN

4/6/2018: TOOH LD MILL. TIH W/176 JTS OF USED 2-3/8? TBG. 4.7#, J-55 TBG. LAND TBG @ 5570? W/F NIPPLE @ 5568?. TAG FILL @5705?. PT TBG TO 500 PSI F/10MINS ? OK

RDMO @ 1200HRS 4/6/2018

## **Current Schematic** Hilcorp Energy Company Well Name: JOHNS FEDERAL #2 State/Province: NEW-MEXICO: A 018-032N-011W-K Vertical, OH ST1, 4/27/2018 1:16:19 PM MD (ftKB) Vertical schematic (actual) (ftKB) 12.8 13.1 Tubing Hanger; 2 3/8 in; 4.00 lb/ft; J-55; 12.9 ftKB; 13.9 ftKB Surface Casing Cement; 13.0-190.0; 13.8 9/30/1953; Cmt'd w/200 sx. Cement 186.0 circulated to surface. 1; Surface; 10 3/4 in; 10.19 in; 13.0 ftKB; 187.0 187.0 ftKB 190.0 1,258.9 Remedial Cement Squeeze; 1,259.0-2,146.0; 8/11/1993; Cmt'd w/175 sx cement. 2,145.0 TOC @ 1259' per 75% efficiency calc. SQUEEZE PERFS; 2,145.0-2,146.0; 8/17/1993 2,146.0 2,330.1 -KIRTLAND (final) 2,664.0 Tubing; 2 3/8 in; 4.00 lb/ft; J-55; 13.9 ftKB 5,535.4 ftKB Cement; 2,145.0-3,903.0; 8/11/1993 3,182.1 PICTURED CLIFFS (final) 3,232.9 LEWIS (final) 3,902.9 Intermediate Casing Cement; 3,903.0-3,999.0 5,040.0; 10/20/1953; Cmt'd w/180 sx. TOC ESTIMATED NO SURVEY 4,000.0 Production Casing Cement; 4,000.0-2; Intermediate1; 7 in; 6.37 in; 13.0 ftKB; 5,834.0; 8/23/1993; Cmt'd w/100 sx Class 4,500.0 5,040.0 ftKB B, tailed w/95 sx Class B. 4,741:1 Hydraulic Fracture; 9/21/1993; Frac'd PERF - CLIFF HOUSE UPPER; 4,741.0w/155,500# 20/40 sand and 4486 BBLS 20# 5,129.0; 9/20/1993 # 5,039.0 GEL 5,040.0 5,128:9 Hydraulic Fracture; 9/16/1993; Frac'd 5.149.0 PERF - MENEFEE; 5,149.0-5,401.0; w/440,000 gallons slickwater and 104,000# 20/40 sand AVG INJ RATE 41 BPM AVG 9/16/1993 5.400.9 pressure 950 PSI 5.517:1 Tubing Pup Joint; 2 3/8 in; 4.00 lb/ft; J-55 5,535.4 5,535.4 ftKB; 5,537.4 ftKB Tubing; 2 3/8 in; 4.00 lb/ft; J-55; 5,537.4 5,537.4 ftKB; 5,568.9 ftKB Profile Nipple; 2 3/8 in; 4.00 lb/ft; J-55; 5,568.9 5,568.9 ftKB; 5,569.5 ftKB EXP CHECK; 2 3/8 in; 4.00 lb/ft; J-55; 5,569.6 -5,569.5 ftKB; 5,570:4 ftKB Hydraulic Fracture; 9/15/1993; Frac'd 5,570.5 PERF - POINT LOOKOUT; 5,517.0-5,731.0; w/91,000# 20/40 sand and 2,727 BBLS slick 9/14/1993 water AVG pressure 2200 PSI AVG INJ 5,705.1 RATE 40 BPM breakdown pressure 1700# 5,731.0 Production Casing Cement (plug); 5,760.0-5,759.8 5,834.0; 8/23/1993; Cmt'd w/100 sx Class B, tailed w/95 sx Class B. 5,807.1 3; Production1; 4 1/2 in; 4.05 in; 13.0 ftKB;

5,808.0 ftKB

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Report Printed: 4/27/2018

5,808.1

5,834.0

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