orm 3160-5	5 <i>PM</i>				Page 1 of 5	
June 2015) DE	FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018 5. Lease Serial No. NMSF077730 6. If Indian, Allottee or Tribe Name					
BU						
SUNDRY I Do not use thi abandoned wel						
abandoned wei						
SUBMIT IN 1	 If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. SUNRAY E 2B 					
1. Type of Well ☐ Oil Well ⊠ Gas Well ☐ Oth						
2. Name of Operator HILCORP ENERGY COMPAN	Contact: N VY E-Mail: mwalker@h	IANDI WALKER ilcorp.com		9. API Well No. 30-045-30013-00-C1		
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002		3b. Phone No. (include area code) Ph: 505-324-5122		10. Field and Pool or Exploratory Area BASIN DAKOTA BLANCO MESAVERDE		
4. Location of Well <i>(Footage, Sec., T.)</i>	., R., M., or Survey Description)			11. County or Parish, State		
Sec 9 T30N R10W SWNW 14 36.829390 N Lat, 107.894913				SAN JUAN COUNTY, NM		
12. CHECK THE AP	PROPRIATE BOX(ES) 7	O INDICATE NATURE O	F NOTICE,	REPORT, OR OTI	HER DATA	
TYPE OF SUBMISSION		TYPE OF	FACTION			
□ Notice of Intent	□ Acidize	Deepen	Producti	on (Start/Resume)	UWater Shut-Off	
Subsequent Report	□ Alter Casing	Hydraulic Fracturing New Construction	Reclama		□ Well Integrity	
☐ Final Abandonment Notice	Casing Repair Change Plans	□ Plug and Abandon	Recomplete Temporarily Abandon		□ Other	
U	Convert to Injection	☑ Plug Back	□ Water Disposal			
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi ATTACHED PLEASE FIND TH	operations. If the operation resu bandonment Notices must be filed inal inspection.	alts in a multiple completion or reco d only after all requirements, includ	mpletion in a n ing reclamation	ew interval, a Form 316 , have been completed	50-4 must be filed once	
			OCD RE 11-13-20	C'D		
	Electronic Submission #5 For HILCORP EN Committed to AFMSS for pro	35081 verified by the BLM Wel ERGY COMPANY, sent to the cessing by JOE KILLINS on 1	11-13-20 I Information Farmington 1/12/2020 (21)	System JK0022SE)	3P	
	Electronic Submission #5 For HILCORP EN Committed to AFMSS for pro	35081 verified by the BLM Wel ERGY COMPANY, sent to the cessing by JOE KILLINS on 1	11-13-20 I Information Farmington 1/12/2020 (21)	System	<u>SR</u>	
c	Electronic Submission #5: For HILCORP EN Committed to AFMSS for pro	35081 verified by the BLM Wel ERGY COMPANY, sent to the cessing by JOE KILLINS on 1	I Information Farmington 1/12/2020 (21: TIONS REG	System JK0022SE)	<u></u>	
C Name(Printed/Typed) MANDI WA	Electronic Submission #5: For HILCORP EN Committed to AFMSS for pro ALKER Submission)	35081 verified by the BLM Wel ERGY COMPANY, sent to the ocessing by OE KILLINS on 1 Title OPERA Date 10/22/20 R FEDERAL OR STATE	I Information Farmington 1/12/2020 (21) TIONS REG 020 OFFICE US	System JK0022SE) ULATORY TECH S	<u>3</u> R	
C Name(Printed/Typed) MANDI WA	Electronic Submission #5: For HILCORP EN Committed to AFMSS for pro ALKER Submission)	35081 verified by the BLM Wel ERGY COMPANY, sent to the ocessing by JOE KILLINS on 1 Title OPERA Date 10/22/2	I Information Farmington 1/12/2020 (21) TIONS REG 020 OFFICE US	System JK0022SE) ULATORY TECH S		
C Name(Printed/Typed) MANDI W/ Signature (Electronic S	Electronic Submission #5: For HILCORP EN Committed to AFMSS for pro ALKER Submission) THIS SPACE FOI ED	35081 verified by the BLM Wel ERGY COMPANY, sent to the ocessing by JOE KILLINS on 1 Title OPERA Date 10/22/20 R FEDERAL OR STATE JOE KILLI TitleENGINEE	Information Farmington 1/12/2020 (21) TIONS REG 020 OFFICE US NS R	System JK0022SE) ULATORY TECH S	SR Date 11/12/2020	

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

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Revisions to Operator-Submitted EC Data for Sundry Notice #535081

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	PLUGBACK SR	PLUGBACK SR
Lease:	NMSF077730	NMSF077730
Agreement:		
Operator:	HILCORP ENERGY COMPANY 1111 TRAVIS ST. HOUSTON, TX 77002 Ph: 505-324-5122	HILCORP ENERGY COMPANY 1111 TRAVIS STREET HOUSTON, TX 77002 Ph: 713.209.2400
Admin Contact:	MANDI WALKER OPERATIONS REGULATORY TECH SR E-Mail: mwalker@hilcorp.com	MANDI WALKER OPERATIONS REGULATORY TECH SR E-Mail: mwalker@hilcorp.com
	Ph: 505-324-5122	Ph: 505-324-5122
Tech Contact:	MANDI WALKER OPERATIONS REGULATORY TECH SR E-Mail: mwalker@hilcorp.com	MANDI WALKER OPERATIONS REGULATORY TECH SR E-Mail: mwalker@hilcorp.com
	Ph: 505-324-5122	Ph: 505-324-5122
Location: State: County:	NM SAN JUAN	NM SAN JUAN
Field/Pool:	MV/DK	BASIN DAKOTA BLANCO MESAVERDE
Well/Facility:	SUNRAY E 2B Sec 9 T30N R10W Mer NMP SWNW 1450FNL 790FWL	SUNRAY E 2B Sec 9 T30N R10W SWNW 1450FNL 790FWL 36.829390 N Lat, 107.894913 W Lon

SUNRAY E 2B 3004530013 PLUGBACK/SEGREGATION SR NMSF077730

CHANGE OF PLANS PRIOR TO RIG MOVING ON:

10/5/2020: HILCORP SENT AN EMAIL TO BLM AND OCD TO REQUEST A CHANGE IN PREVIOUSLY APPROVED NOI. REQUEST MADE TO RUN A PERMANENT PACKER (MODEL D) JUST ABOVE THE DK PERFS, SET CLOSE TO 7300' +/-. THIS WILL ALLOW US TO HAVE A SMALLER OD ON THE PACKER AS WE RUN EQUIP IN THE HOLE. EMAIL APPROVAL RECEIVED FROM JOE KILLINS @ BLM ON 10/5/20. EMAIL APPROVAL RECEIVED FROM MONICA KUEHLING @ OCD ON 10/6/20.

10/13/2020: UPDATE TO PLANS. HILCORP REQUESTS TO RUN AN AS1X RETRIEVABLE PKR INTO THE WELL. IT IS NO LONGER THE PLAN TO USE THE PERMANENT D PKR AS PREVIOUSLY REQUESTED. AS PREVIOUSLY STATED WE WILL STILL LAND THE NEW PKR @ 7300' +/-. EMAIL APPROVAL FROM MONICA KUEHLING @ OCD AND JOE KILLINS @ BLM ON 10/13/20.

10/19/2020: MIRU.CK WELL PRESSURE (TBG: 387 PSI, SICP: 420 PSI, BHP: 0 PSI). RU TUBOSCOPE, WELL CONT TO MAKE H2O, UNABLE TO RU TBG SCANNER. POOH VISUALLY INSPECT TBG STRING. FOUND MULTIPLE HIT'S & COMPROMISED COLLARS. CALL MADE TO LD ENTIRE STRING. SIW. SL. SDFN.

10/20/2020: CK WELL PRESSURES (TBG: NA, SICP: 120 PSI, BHP: 0 PSI). OPEN WELL TO PIT, MAKING 15 BBL/HR. PU 5 ½" SCRAPER & BUT. PU & TALLY 232 JTS 2 3/8" TBG TO 7218' WRK THROUGH TIGHT SPOT F/4000' – 4400'. POOH STANDING BACK TBG STRING, LD CSG SCRAPER. TIH W/PKR AND 238 JTS 2 3/8" 4.7# J-55 TBG. SET PKR IN 5K LBS COMPRESSION @ 7299'. SN @ 7526'. EOT @ 7527'. PBTD @ 7639'. ND BOP NU WH. RDRR @ 1800 HRS.

THIS WELL IS NOW PRODUCING AS A DK ONLY.

Hile	orp Ene	rgy Company	Cune	ntSchema	tic				
	me Sl	UNRAY E #2B	Field Name		Route		State/Province		Well Configuration Type
004530013		009-030N-010W-E	BLANCO MESAVERDE (F		0304		NEW MEX	ICO	VERTICAL
round Elevatio ,300.00	n (ft)	Original KB/RT Elevation (ft) 6,315.00	KB-Ground 15.00	Distance (ft)	KB-Casing F	Flange Dist	ance (ft)	KB-Tubing Har	nger Distance (ft)
				Jala 10/00/00	20.0.02.	04 4 44			
			VERTICAL, Original I	Hole, 10/22/20	20 9:23:2				
ID (ftKB)	TVD (ftKB)			Vertical schema	atic (actual)			
16.1 -	16.1		; 15.00 ftKB; 16.00 ftKB 0 lb/ft; J-55; 16.00 ftKB;			Г	CEMENTED \	Ñ/ 285 SXS CL	00-235.00; 4/29/2000; LASS 'B' NEAT CMT W/ 3% PPS CELLOFLAKE (336
56.4 -	56.4	Tubing Pup Joint; 2 3/8 i	48.34 ftKB n; 4.70 lb/ft; J-55; 48.34				CUFT). CIRC Intermediate (24 BBLS CMT Casing Cement	TO SURFACE. ; 15.00-3,227.00; 5/2/2000;
129.9	129.9	N 1; Surface; 11 3/4 in; 1 ²	ftKB; 56.54 ftKB				GEL, 2% CAL	CIUM CHLOR	LASS 'B' NEAT CMT W/ 6% IDE, 0.25 PPS CELLOFLAKE, 5
225.7	225.7		D FROM 18' TO 15' TO ADJUST FOR KB. /				NEAT CMT W	1/ 2% SILICATE	FT); TAIL W/ 90 SXS CLASS 'B' E, 0.25 PPS CELLFLAKE, 5 PPS RC 65 BBLS CMT TO
1,628.9 -	1,628.6		3/4"" - 42# - H40 - 8RD / 🖤				SURFACE.	,	00; Pumped down: CASING;
			NG LENGTH = 210.77', SHOE SET @ 225.77'.				SPOT 15 BBL	S 10% ACETIC	C, B/D WITH 1500 GALS 10% LERS. PUMPED 15000 GAL
2,410.1	2,409.5	— F — F	; 225.70 ftKB			F	LINEAR GEL.	PUMPED 200	45 BPM @ 2180 PSI , 20#
3,174.9	3,174.1 -		0' per CBL ran 5/8/2000 3 in: 7.92 in: 15.00 ftKB:				LINEAR GEL,	@ 41-45 BPM	0 QUALITY FOAM , 20# 1 @ 1950 PSI AVERAGE. JOB
3,200.1	3,199.4	RUN 77 JTS OF 8 5/8""	32# - J55 - 8RD ST&C					eze; 4,573.00-4	4,956.00; 10/8/2000; SQUEEZE
3,218.8 -	3,218.1 -		G LENGTH = 3203.71', ZERS @ 1678' & 1637'.				'G' POZ 50/50	W/ 8% D53, .3	573 - 4956 W/ 200 SXS CLASS 3% D167, 1% S1, TRAPPED R, PULL OUT OF RETAINER,
3,788.1 -	3,787.3		; 3,218.71 ftKB				DROP 7 BBLS	S CMT ON TOP	P OF RETAINER 000; Pumped down: CASING;
4,272.0	- 4,271.1	— CH/ Tubing; 2 3/8 in; 4.7	0 lb/ft; J-55; 56.54 ftKB; / 7,261.59 ftKB				SPOT 840 GA	ALS 15% HCL,	B/D WITH 1050 GALS 15% SLICKWATER PAD @ 45-48
4,476.0 -	4,475.2	PERF - LEWIS UPF	ER; 3,788.00-4,272.00;				SAND @ .5 T	0 2.0 PPG @ 4	MPED 100000# 20/40 BRADY 49 BPM @ 2100 PSI AVERAGE.
			6/22/2000				Cement Sque		5,539.00; 10/27/2015;
4,563.0 -	4,562.1 -	— CLIFF HOUSE (final) -					4573 - 5,527,	W/ 200 SXS TI	FS AND POINT LOOK OUT, HIX.TYPE 3, PPG 14.2, 80 SXS
4,715.9	4,715.0		EE; 4,573.00-5,111.00; 6/21/2000				WATER, PUM	IP 59 BBLS. O	JMP 25 BBLS. OF FRESH F THIXOTROPIC CEMENT AT BLS. 14.6# TYPE 3 NEAT
5,110.9	5,110.0 -								ng DO from 4538'-4723' based
5,188.0	5,187.1	PERF - POINT LOOKOU	T / MENEFEE LOWER; .00-5,527.00; 6/20/2000				Hyd Frac-Slick	water; 6/23/20 50 GALS 15%	000; Pumped down: CASING; HCL. PUMPED 15500 GAL
5,539.0 -	5,538.1 -	Tubing Pup Joint;	2 3/8 in; 4.70 lb/ft; J-55;			•	SLICKWATEF PUMPED 100	R PAD @ 43-45 ,000# 20/40 AF	5 BPM @ 300-330 PSI. RIZONA SAND @ .5 TO 2.0
7,261.5 -	7,260.4		.59 ftKB; 7,263.69 ftKB	~~~~			PUMPED AS	PER DESIGN,	AVERAGE. JOB NOT EXTENDED PAD DUE TO
7,274.9 -	7,273.8		7,296.13 ftKB				EQUIP. PROE Production Ca	sing Cement; 3	3,200.00-7,660.00; 5/6/2000;
		PERF - DAKOTA; 7,329	00-7,344.00; 6/20/2000				BBLS WATER	R, MIX & PUMP	ATER - 20 BBLS CW100 - 20 P 680 SXS 50/50 CLASS ""B"" CELLOFLAKE - 5 PPS
7,296.3 -	7,295.2		BLE; 7,329.00-7,344.00; 6/20/2000				GILSONITE -	.3% D1673%	% D6525% D8002% D46 ME = 171 BBLS, TOC 3200' BY
7,303.8	7,302.7	Tubing; 2 3/8 in; 4.70 lk	/ft; J-55; 7,303.73 ftKB; 7,525.50 ftKB				CBL RAN ON		,
7,329.1 -	7,328.0	TAG, DISPOSAE	BLE; 7,422.00-7,439.00; 6/20/2000						
7,421.9 -	7,420.8	DIDNT FIRE/ GROUND	ED; 7,422.00-7,439.00;		14216		Hyd Frac-Othe	er; 6/20/2000 [,] F	FRAC W/ 30,320 LBS SAND,
7,470.1 -	7,469.0	PERF - DAKOTA; 7,470	6/20/2000	202	1866		TOTAL OF 18 MIN=857#, 30	89 BBL 2% KC MIN=726#, S-	CL H20, ISIP=1240#, 15 -IN, NOTE BLENDER LOST
7,482.9 -	7,481.8 -				1988 1988				N FLUSH, LOST RATE
7,511.2	7,510.0 -	PERF - DAKOTA; 7,483			195 <u>8</u> . 1958				
		PERF - DAKOTA; 7,511 TAG (DISPOSAB	LE); 7,521.00-7,523.00;						
7,521.0 -	7,519.9	Profile Nipple, F-nipple;	6/20/2000 2 3/8 in: 7.525.50 ftKB:		1988				
7,525.6 -	7,524.5	······	7,526.60 ftKB						
7,526.9 —	7,525.8 -	Guide shoe; 2 3/8 in;	7,526.60 ftKB; 7,527.00 ftKB						
7,541.0 -	7,539.9	PERF - DAKOTA; 7,539	00-7,541.00; 6/20/2000						
7,576.1 -	7,575.0	PERF - DAKOTA; 7,574	00-7,576.00; 6/20/2000	- (888)	1255				
7,594.2 -	7,593.0	PERF - DAKOTA; 7,585	00-7,594.00; 6/20/2000		1938 1938		Production Ca	asing Cement (plug); 7,639.00-7,660.00;
		— MORRISON (final) —					CW100 - 20 B	BLS WATER,	BBLS WATER - 20 BBLS MIX & PUMP 680 SXS 50/50 EL25 PPS CELLOFLAKE - 5
7,638.8 —	7,637.6	3; Production1; 5 1/2 in; 4	.95 in; 15.00 ftKB; RAN				PPS GILSON	ITE3% D167	EL25 PPS CELLOFLAKE - 5 73% D6525% D8002% OLUME = 171 BBLS, TOC 3200'
7,639.8 -	7,638.6	181 JOINTS OF 5 1	/2"" - 15.5# - K55 - 8RD G LENGTH = 7625.97'; ~				BY CBL RAN	ON 5/8/2000	7-7,660.00; 5/9/2000
7,660.1 -	7,659.0		7,640.97 ftKB				- ispidy Cente		

District I 1625 N. French Dr., Hobbs, NM 88240

District II

District IV

Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

District III 1000 Rio Brazos Rd., Aztec, NM 87410 CONDITIONS

Action 18813

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

CONDITIONS OF APPROVAL

Operator:				OGRID:	Action Number:	Action Type:		
HILCOR	P ENERGY COMPANY	1111 Travis Street	Houston, TX77002	372171	18813	C-103R		
OCD Reviewer	Condition							
mkuehling rigged down on 10/20/20 - packer test was required 20 days after segregation - was it performed and has it been submitted.								