E SUNDRY Do not use th abandoned we	UNITED STATES EPARTMENT OF THE II SUREAU OF LAND MANA NOTICES AND REPO his form for proposals to ful. Use form 3160-3 (APA TRIPLICATE - Other inst	NTERIOR GEMENT RTS ON WE drill or to re- D) for such p	enter an roposals.		OMB NC Expires: Jan 5. Lease Serial No. NMNM6890 6. If Indian, Allottee or 7. If Unit or CA/Agreet	
					SW753	
1. Type of Well ☐ Oil Well 🛛 Gas Well 🗖 Oi	her				8. Well Name and No. REESE MESA 4	
2. Name of Operator HILCORP ENERGY COMPA	Contact: NY E-Mail: pshorty@h	PRISCILLA S	HORTY		9. API Well No. 30-045-21301-00)-D1
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002		3b. Phone No. Ph: 505- 32	(include area code) 4-5188		10. Field and Pool or E BASIN DAKOTA BLANCO MESA	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)			11. County or Parish, S	tate
Sec 11 T32N R8W NESW 25 36.997540 N Lat, 107.644910			OCT 30 20	1 19	SAN JUAN COU	NTY, NM
12. CHECK THE A	PPROPRIATE BOX(ES)	TO INDICA	STRIGUE O	NOTICE,	REPORT, OR OTH	ER DATA
TYPE OF SUBMISSION				FACTION		
		Deep)en	Producti	ion (Start/Resume)	□ Water Shut-Off
□ Notice of Intent	Alter Casing		raulic Fracturing	Reclama		□ Well Integrity
Subsequent Report	Casing Repair		Construction	□ Recomp		□ Other
Final Abandonment Notice	Change Plans	🛛 Plug	and Abandon	Tempor	arily Abandon	
BC	Convert to Injection	D Plug	Back	U Water D	oisposal	
Attach the Bond under which the wo following completion of the involve testing has been completed. Final A determined that the site is ready for The subject well was P&A'd c schematic.	d operations. If the operation re- bandonment Notices must be fil- final inspection. on 10/22/2019 per the attac	sults in a multiple ed only after all r	e completion or reco equirements, includ	mpletion in a n ing reclamation	iew interval, a Form 3160	-4 must be filed once
14. I hereby certify that the foregoing i	Electronic Submission #4	NERGY COMP	ANY, sent to the	Farmington	-	
Name (Printed/Typed) PRISCILI		rocessing by			ULATORY TECH	
Signature (Electronic	Submission)		Date 10/30/2	019		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE US	SE	
APProved By ACCEPT	ED		JOE KILLI _{Title} ENGINEE			Date 10/30/2019
Conditions of approval, if any, are attached certify that the applicant holds legal or early which would entitle the applicant to cond	uitable title to those rights in the		Office Farming	ton		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent				willfully to ma	ke to any department or a	gency of the United
(Instructions on page 2) ** BLM REV	ISED ** BLM REVISE	D ** BLM RE	VISED ** BLN	I REVISED	** BLM REVISED) **
			1			

7			
1			

Hilcorp Energy Company PO Box 4700 Farmington, NM 87499



Name: Reese Mesa #4 API:30-045-21301

Well Plugging Report

Work Detail

PLUG #1 (FISH TOP & LINER TOP) 6340' - 6270' TOC. M&P 14 SXS of Class G cement, 1.15 yield, 15.8ppg, 16.1cuft, 2.8 bbls of slurry. Displace with fresh water. Tag TOC @ 6289'.
PLUG #2 (MESA VERDE) 5992' - 5792' TOC. M&P 92 SXS of Class G cement @ 2% CAL, 50 inside / 42 outside, 1.15 yield, 15.8ppg, 105.8cuft, 18.8 bbls of

slurry. Displace with fresh water. LD TOC, TOOH. WOC. TAG TOC 5780'.

- PLUG #3 (CHACRA) 4841'- 4671' TOC. M&P 61 SXS of Class G cement, 34 inside / 27 outside, 1.15 yield, 15.8ppg, 70.15cuft, 12.4 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC overnight. TAG TOC 4626'.
- PLUG #4 (PICTURE CLIFFS) 3933' 3730' TOC. M&P 67 SXS of Class G cement @ 2% CAL. 41 inside / 26 outside, 1.15 yield, 15.8ppg, 77.05 cuft, 13.7 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC. TAG TOC 3720'.
- PLUG #5 (FRUITLAND) 3595' 3363' EST TOC. M&P 76 SXS of Class G cement, 46 inside / 30 outside, 1.15 yield, 15.8ppg, 87.4 cuft, 15.5 bbls of slurry. Displace with fresh water. LD TOC, WOC overnight. TAG TOC 3360'.
- PLUG #6 (KIRTLAND / OJO ALAMO) 2495' 2160' TOC. M&P 144 SXS of Class G cement @ 2% CAL. 66 inside / 78 outside, 1.15 yield, 15.8ppg, 165.6 cuft, 29.4 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC. Tag TOC @ 2270'. Tag low.
- PLUG #6A (FRUITLAND / OJO ALAMO) 2270' 2164' EST TOC. M&P 21 SXS of Class G cement, 1.15 yield, 15.8ppg, 24.15 cuft, 4.3 bbls of slurry. Displace with fresh water. LD TOC, WOC overnight. Tag TOC @ 2164'.
- PLUG #7 (NACIMIENTO) 1322' 1069' TOC. M&P 50 SXS of Class G cement @ 2% CAL, 1.15 yield, 15.8ppg, 57.5 cuft, 10.2 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC. TIH tag TOC @ 1300'. Tag low.
- PLUG#7A (NACIMIENTO) 1300' 1098'. M&P 40 SXS of Class G cement, 1.15 yield, 15.8ppg, 46 cuft, 8.1 bbls of slurry. Displace with fresh water. LD TOC, WOC over weekend. Tag TOC @ 1186'.
- **TOP OFF** Top DHM with 45 sxs of Class G cement, 1.15 yield, 15.8ppg, 51.75 cuft, 9.2bblsry.

CBL RESULTS	CBL showed no cement. PLUG #2 was turned into in/out plug, as per NMOCD & BLM reps on 10/15/19 @ 8:00 AM.
NMOCD TOC.	Tag was not approved by NMOCD. TOC fell by 110'. Orders to spot 21 sxs and WOC overnight. LD TAG gun. RD WL.
WOC SURFACE	WOC SURFACE AS PER JASON VASQUEZ.

On Site Reps:

Name	Association	Notes
Dustin Porch	BLM	On location
Craig Lingo	Co. Rep.	On location
Jason Vasquez	Co. Rep.	On location

10/10/2019

JSA. Service and start equipment. Move equipment to location. Wait on equipment. Spot equipment. Travel back to yard.

10/11/2019

Load supplies & travel to location. JSA. Service and start equipment. RU unit & pumping equipment. CHECK PSI: TBG-180#, CSG-180#, BH-10#. Open well to pit. Function Test BOP, ND WH, NU BOP. RU rig floor and TBG equipment. PUP. Latch & Release 7" RBP. Push RBP to 6350'. TOOH. LD 7" RBP. TIH with 7" CR. Set & Release CR @ 6340'. Attempt to PSI test TBG. (TEST FAIL). Drop standing valve. Load TBG with 25 bbls of fresh. TOOH search for hole. Found hole @ 1152'. LD & Replace JT. TIH to 6340' EOT. PSI TBG to 1000# PSI (TEST OK). RU swab equipment. Fish standing valve. Sting into CR attempt to EST a rate (NO RATE). Wait on orders. BLM Rep & NMOCD Brandon Powell approved to spot 14 sxs above CR @ 12:00 PM. Load well bore with 165 bbls of fresh H2O. PLUG #1 (FISH TOP & LINER TOP) 6340' - 6270' TOC. M&P 14 SXS of Class G cement, 1.15 yield, 15.8ppg, 16.1cuft, 2.8 bbls of slurry. Displace with fresh water. LD TOC. WOC over weekend. TOOH. LD stinger. SIW, SDFD. Travel back yard.

10/14/2019

Load supplies & travel to location.

JSA. Service and start equipment.

CHECK PSI: TBG-0#, CSG-160#, BH-0#. Open well to pit.

TIH. Tag TOC @ 6289'. LD TBG to Plug #2. TOOH.

TIH with 7" CR. Set & Release CR @ 5992'. EST CIRC with 95 bbls of fresh. TOOH. JSA. RU A+ WL. RIH with CBL tool. Log from 5992' to surface. **Brandon Powell** from NMOCD and Dustin Porche from BLM approved the CR to be set @ 5992'

with plug to 5892'.

Clean & secure location. SIW SDFD. Travel back to yard.

10/15/2019

Load supplies & travel to location.

JSA. Service and start equipment.

CHECK PSI: TBG-0#, CSG-VAC, BH-0#. Open well to pit.

TIH with stinger. Tag CR @ 5992'. EST CIRC with 30 bbls of fresh. Sting into CR, EST a rate of 4.0 BPM @ 500# PSI.

PLUG #2 (MESAVERDE) 5992' - 5792' TOC. M&P 92 SXS of Class G cement @ 2% CAL. 50 inside / 42 outside, 1.15 yield, 15.8ppg, 105.8cuft, 18.8 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC.

Wait on cement sample. WL TAG approved by BLM REP Dustin Porch.

JSA. RU A+ WL RIH with tag gun. TAG TOC 5780'. PERF 3 holes @ 4841'. LD tag gun. RD WL.

TIH with 7" CR. Set & release CR @ 4791'. EST CIRC with 30 bbls of fresh. Sting into CR . EST a rate of 3.5 BPM @ 800# PSI.

PLUG #3 (CHACRA) 4841'- 4671' TOC. M&P 61 SXS of Class G cement, 34 inside / 27 outside, 1.15 yield, 15.8ppg, 70.15cuft, 12.4 bbls of slurry. Displace with fresh water. LD TOC, WOC overnight.

TOOH. LD stinger. SIW, SDFD.

Travel back to yard.

10/16/2019

Load supplies & travel to location.

JSA. Service and start equipment.

CHECK PSI: TBG-0#, CSG-VAC, BH-0#. Open well to pit.

JSA. RU A+ WL RIH with tag gun. TAG TOC 4626'. PERF 3 holes @ 3933'. LD tag gun. RD WL.

TIH with 7" CR. Set & release CR @ 3883'. EST CIRC with 30 bbls of fresh. Sting into CR and EST a rate of 3.5 BPM @ 500# PSI.

PLUG #4 (PICTURE CLIFFS) 3933' - 3730' TOC. M&P 67 SXS of Class G cement @ 2% CAL. 41 inside / 26 outside, 1.15 yield, 15.8ppg, 77.05 cuft, 13.7 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC.

WOC. Wait on cement sample. WL TAG approved by BLM REP Dustin Porch. JSA. RU A+ WL RIH with tag gun. TAG TOC 3720'. PERF 3 holes @ 3595'. LD tag gun. RD WL.

TIH with 7" CR. Set & release CR @ 3445'. EST CIRC with 25 bbls of fresh. Sting into CR . EST a rate of 4 BPM @ 600# PSI. (CIRC was EST out CSG after sting in) **PLUG #5** (FRUITLAND) 3595' - 3363' EST TOC. M&P 76 SXS of Class G cement, 46 inside / 30 ouside, 1.15 yield, 15.8ppg, 87.4 cuft, 15.5 bbls of slurry. Displace with fresh water. LD TOC, WOC overnight.

TOOH. LD stinger. SIW, SDFD.

Travel back to yard.

10/17/2019

Load supplies & travel to location.

JSA. Service and start equipment.

CHECK PSI: TBG-0#, CSG-VAC, BH-0#. Open well to pit.

JSA. RU A+ WL RIH with tag gun. TAG TOC 3360'. PERF 3 holes @ 2495'. LD tag gun. RD WL.

TIH with 7" CR. Set & release CR @ 2445'. EST CIRC with 30 bbls of fresh. Sting into CR . EST a rate of 4.5 BPM @ 500# PSI. EST CIRC out of BH valve.

PLUG #6 (KIRTLAND / OJO ALAMO) 2495' - 2160' TOC. M&P 144 SXS of Class G cement @ 2% CAL. 66 inside / 78 outside, 1.15 yield, 15.8ppg, 165.6 cuft, 29.4 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC.

WOC. Wait on cement sample. WL TAG approved by BLM REP Dustin Porch. JSA. RU A+ WL RIH with tag gun. TAG TOC 2270'. Tag was not approved by NMOCD. TOC fell by 110'. Orders to spot 21 sxs and WOC overnight. **Dustin Porche from BLM and Brandon Powell from NMOCD gave verbal approval to spot 21 sks cmt.** LD TAG gun. RD WL.

TIH with tag sub. Tag TOC @ 2270'. Est circ with 20 bbls of fresh.

PLUG #6A (FRUITLAND / OJO ALAMO) 2270' - 2164' EST TOC. M&P 21 SXS of Class G cement, 1.15 yield, 15.8ppg, 24.15 cuft, 4.3 bbls of slurry. Displace with fresh water. LD TOC, WOC overnight.

PUH. SIW, SDFD.

Travel back to yard.

10/18/2019

Load supplies & travel to location.

JSA. Service and start equipment.

CHECK PSI: TBG-0#, CSG-VAC, BH-0#. Open well to pit.

TIH with tag sub. Tag TOC @ 2164'. LD TBG to plug #7. TOOH.

RU A+ WL RIH with tag gun. PERF 3 holes @ 1372". LD tag gun. RD WL.

TIH with 7" CR. Set & release CR @ 1322'. EST CIRC with 40 bbls of fresh. Sting into CR. Unable to EST a Rate. Wait on orders from NMOCD. Received approval from NMOCD (Brandon Powell) & BLM (Dustin Porche) to spot cmt plug #7 on top of CR @ 1322'. Orders to spot 50 sxs above retainer & WOC. BLM approved plug as per Dustin Porch.

PLUG #7 (NACIMINETO) 1322' - 1069' TOC. M&P 50 SXS of Class G cement @ 2% CAL, 1.15 yield, 15.8ppg, 57.5 cuft, 10.2 bbls of slurry. Displace with fresh water. LD TOC, TOOH. WOC.

WOC. Wait on cement sample. TIH tag TOC @ 1300'. Wait on orders. NMOCD, Brandon Powell, and Dustin Porche, BLM, approved to spot 40 sxs from TOC & WOC over weekend.

PLUG #7A (NACIMIENTO) 1300' - 1098'. M&P 40 SXS of Class G cement, 1.15 yield, 15.8ppg, 46 cuft, 8.1 bbls of slurry. Displace with fresh water. LD TOC, WOC over weekend.

TOOH. SIW, SDFD.

Travel back to yard.

4

10/21/2019

Load supplies & travel to location. JSA. Service and start equipment. CHECK PSI: TBG-0#, CSG-VAC, BH-0#. Open well to pit. TIH with tag sub. Tag TOC @ 1186'. LD all TBG. RU A+ WL RIH with HSC. PERF 4 holes @ 348". LD tag gun. RD WL. EST CIRC with 40 bbls of fresh. RD rig floor & TBG equipment. ND BOP, NU WH. PLUG #8 (SURFACE) 348' - 0' TOC. M&P 168 SXS of Class G cement, 69 INSIDE / 99 OUTSIDE, 1.15 yield, 15.8ppg, 193.2 cuft, 34.4 BBLSLRY. SIW & apply 350# PSI. Orders to WOC overnight as per Co. Rep Jason Vasquez. SIW, SDFD. Travel back to yard.

10/22/2019

Load supplies & travel to location. JSA. Service and start equipment. CHECK PSI: TBG-0#, CSG-0# BH-0#. Cut and remove WH. Find TOC @ 75' on 7" & 9-5/8". Weld and install DHM @ 36* 59' 50" N - 107* 38' 49". Top DHM with 45 sxs of Class G cement, 1.15 yield, 15.8ppg, 51.75 cuft, 9.2bblsry. RD rig & pumping equipment. MOL. Travel back to yard. FINAL DAY.

Hilcorp End		Current Sche	natic		
Well Name: R	Surface Legal Location 011-032N-008W-K	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0501	State/Province NEW MEXICO	Well Configuration Type
round Elevation (ft) (,048.00	Original KB/RT Elevation (ft) 7,058.00				langer Distance (ft)
		Original Hole, 10/30/2019	12:17:28 PM		
ID (ftKB) TVD			nematic (actual)		
(ftKB)				Cement Plug #8; 10.00-348.00; 10/21/2011	5; PMP PLG #8 (SURFACE) @ 348' - 10' - 168 SX X YELD 15 8 PPG CUET 59 SX INSIDE 99 SX
296.9	1; Surface; 9 5/8 in	i; 9.00 in; 10.00 ftKB;		CIRCULATED TO SURFACE	X YIELD: 15.8 PPG, CUFT, 69 SX INSIDE, 99 SX <u>GE - SWI W350 PSI</u> 0/1973; CEMENT W/ 295 SXS CLASS 'A'); 10/21/2019; PMP PLG #8 (SURFACE) @ 348' - 1
308.1	SQUEEZE PERES	298.00 ftKB ; 348.00; 10/21/2019		4168 SX CLASS G CMT - 34.4 BBLS, 1.15 SX OUTSIDE - GOOD CMT RTRNS T/SUF	CUFT/SX YIELD 15 8 PPG. CUFT, 69 SX INSIDE. RFACE - SWI W/350 PSI
918.0	-NACIMIENTO (final) -			1098" (EST TOC) - 40 SX CLASS G CMT - DISP W/FRESH WATER.	8/2019; PMP PLG #7A (NACIMIENTO) @ 1300' - - 8.1 BBLS, 1.15 CUFT/SX YIELD 15.8 PPG, 46 C
1,299.9				Cement Plug #7, 1,300.00-1,322.00; 10/18 1069" (EST TOC) - 50 SX CLASS G CMT CUFT - DISP W/FRESH WATER.	/2019: PMP PLG #7 (NACIMIENTO) @ 1322' - - 10.2 BBLS, 1.15 CUFT/SX YIELD, 15 8 PPG, 57 5
1,325.1	SQUEEZE PERFS;	er; 1,322.00-1,325.00			
2,164.0	— OJO ALAMO (final) —			DISP W/ FRESH WATER. Cement Plug #6: 2.270.00-2.495.00; 10/17	17/2019; PUMP PLUG #6A (KIRTLAND / OJO ALAM BBLS, 24.15 CUFT), 1.15 CUFT/SX YIELD, 15.8 PF /2019; PUMP PLUG #6 (KIRTLAND / OJO ALAMO
2,270.0				1.15 CUFT/SX YIELD, 15 8 PPG, DISP W/ Cement Plug #6 (OUTSIDE); 2.270.00-2,4 ALAMO); 2495' - 2160', 144 SX CLASS G	95.00: 10/17/2019; PUMP PLUG #6 (KIRTLAND / C CMT (29.4 BBLS, 165.6 CUFT), 66 SX INSIDE, 78
2,448.2	KIRTL Cement Retainer			OUTSIDE, 1.15 CUFT/SX YIELD, 15.8 PPr Cement Plug #5; 3,363.00-3,595.00; 10/16	5. DISP W/ FRESH WATER. 12019: PUMP PLUG #5 (FRUITLAND). 3595' - 336. UFT). 46 SX INSIDE, 30 SX OUTSIDE. 1.15 CUFT.
3,362.9		100000000		YIELD. 15.8 PPG. DISP W/ FRESH WATER Cement Plug #5 (OUTSIDE); 3,363.00-3,5 3595' - 3363', 76 SX CLASS G CMT (15.5	R. 95.00: 10/16/2019; PUMP PLUG #5 (FRUITLAND). BBLS, 87.4 CUFT). 46 SX INSIDE, 30 SX OUTSID
3,547.9	FRUIT Cement Retaine			1.15 CUFT/SX YIELD, 15.8 PPG, DISP W/	ERESH WATER.
3,730.0	SQUEEZE PERFS; S	5 50 50 50 50 50 50 50 50 50 50 50 50 50		3730' 67 SX CLASS G CMT W/ 2% CACL OUTSIDE 1 15 CUET/SX YIELD 15.8 PP	/2019, PUMP PLUG #4 (PICTURE CLIFFS). 3933" (13.7 BBLS, 76.9 CUFT).30 SX INSIDE, 37 SX G. DISP W/ FRESH WATER. 33.00; 10/16/2019, PUMP PLUG #4 (PICTURE MT W/ 2% CACL (13.7 BBLS, 76.9 CUFT).30 SX
3,882.9	— PICTURED CLIFFS (fin	al) er; 3,883.00-3,885.00		CLIFFS), 3933' - 3730', 67 SX CLASS G C INSIDE, 37 SX OUTSIDE, 1,15 CUFT/SX '	MT W/ 2% CACL (13.7 BBLS, 76.9 CUFT) 30 SX YIELD, 15.8 PPG, DISP W/ FRESH WATER.
3,933.1	SQUEEZE PERFS; 3				
4,670.9				SX CLASS & CMT (12.4 BBLS, 70.15 CU) YIELD, 15.8 PPG, DISP W/ FRESH WATER Coment Plug #3 (OUTSIDE): 4 671.00-4.8	41.00: 10/15/2019: PUMP PLUG #3 (CHACRA) 48-
4,791.0	- CHACRA (final)	er; 4,791.00-4,794.00		4671'. 61 SX CLASS G CMT (12.4 BBLS, CUFT/SX YIELD, 15.8 PPG, DISP W/ FRE	70.15 CUFT) 34 SX INSIDE, 27 SX OUTSIDE, 1.15
4,840.9		4,841.00; 10/15/2019		USING 1.22 CUFT/SX & 75% EFFICIENC'	29:00, 7/23/1973; TOC 4520' BY CALCULATION Y CEMENT W/ 240 SXS CLASS 'C' FOLLOWED B /2019; PUMP PLUG #2 (MESA VERDE), 6042' - 57
5,792.0				92 SX CLASS G CMT W/ 2% CACL (18.8 1.15 CUFT/SX YIELD, 15.8 PPG, DISP W/ Cement Plue, #2 (OLITSIDE): 5 792 00-6 0	BBLS, 105.8 CUFT), 46SX INSIDE, 46 SX OUTSID FRESH WATER. 42.00: 10/15/2019; PUMP PLUG #2 (MESA VERDE
5,995.1	Cement Retaine	er; 5,992.00-5,995.00		6042" - 5792", 92 SX CLASS G CMT W/ 2 SX OUTSIDE, 1 15 CUFT/SX MELD, 15.8	& CACL (18.8 BBLS, 105.8 CUPT), 46SX INSIDE, 4 PPG, DISP W/ FRESH WATER,
6,042.0	— MESA VERDE (final) – PERF - MESAVERDE				
6,270.0		8/13/1973		Hydraulic Fracture, 8/13/1973; FRAC W/ 7	8,792 GALS WATER & 60,000# 20/40 SAND
6,319.9				Cement Plug #1; 6,289.00-6,340.00; 10/11 LINER TOP) 6340" - 6270" TOC. M&P 14 S PPG, 16 1 CU. FT. 2.8 BBL SLURRY.	2019; MIX AND PUMP PLUG #1 (143*) (FISH TOP KS OF CLASS G NEAT CEMENT: 1.15 YIELD, 15.
6,342.8	Cement Retaine	er; 6,340.00-6,343.00			
6,397.0	4-1/2" PROD	LINER TOP @ 6397'			
6,483.9					
6,527.9	2; Intermediate1; 7 in	i; 6.46 in; 10.00 ftKB; 6,529.00 ftKB ∖			
7,591.9		TBG W/SLIM HOLE			
8,390.1	GREENHORS	S; 6,350.00-8,500.00		Production Casing Cement, 7,592.00-8,70 1.22 CUET/SX & 75% EFEIGIENCY, CEME	7.00; 7/31/1973; TOC 7592' BY CALCULATION US INT W/ 125 SXS CLASS 'C'
8,494.1	-DAK PERF - DAKOTA	A; 8,510.00-8,662.00;			
	PERF - DAKOTA	8/13/1973 A; 8,621.00-8,632.00;			
8,509.8	PERF - DAKOTA	12/27/1985 A; 8,624.00-8,635.00;	1998	Hydraulic Fracture: 8/13/1973; FRAC W/ 5	4,280 GALS WATER & 40,000# 40/60 SAND
8,624.0		12/13/1985 A LOWER; 8,625.00-		Hydraulic Fracture; 12/28/1985; FRAC W/	33,600 GALS 30# GEL WATER & 37,100# 20/40 S.
8,631.9		8,655.00; 11/23/1985		Campol Courses & STE AA & SEE AA	17985 SOUREZE LOWED DAVATA BEDES
8,641.1		ANED OUT TO 86411		Cerrent Squeeze, 8,625,00-8,655,00, 12/1 SXS CLASS 'B' CMT	1/1985; SQUEEZE LOWER DAKOTA PERFS W/ 75
8,662.1		PBTD; 8,700.00		Production Casing Cement (plug); 8,700.0 USING 1.22 CUFT/SX & 75% EFFICIENC)	D-8,707 00; 7/31/1973; TOC 7592' BY CALCULATIC / CEMENT W/ 125 SXS CLASS 'C'
8,706.0	3; Production1; 4 1/2	2 in; 4.00 in; 6,397.00 ftKB; 8,707.00 ftKB			