Submit I Copy To Appropriate District Office	State of New Mexico	Form C-103
District 1 (575) 393-6161	Energy, Minerals and Natural Resources	WELL API NO.
1625 N. French Dr., Hobbs, NM 88240 District II (575) 748-1283		30-059-20524
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
District III – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr. Santa Fe, NM 87505	STATE T, FEE
<u>District IV</u> - (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa Pe, NW 87303	6. State Oil & Gas Lease No.
87505	2 AND DEPORTS ON WELLS	7. Lease Name or Unit Agreement Name
	S AND REPORTS ON WELLS S TO DRILL OR TO DEEPEN OR PLUG BACK TO A	7. Lease Name of Ont Agreement Name
DIFFERENT RESERVOIR. USE "APPLICAT	ON FOR PERMIT" (FORM C-101) FOR SUCH	Bravo Dome 1935
PROPOSALS.)  1. Type of Well: Oil Well  Gas	s Well () Other () ()	8. Well Number 152
2. Name of Operator		9. OGRID Number
UKY US	SA LNC.	10. Pool name or Wildcat
3. Address of Operator DOROX 4294	Houston TX 77210	Bravo Domo 640
4. Well Location	1,	
Unit Letter K : 15	700' fect from the South line and Township 19N Range 3.5 E	NMPM County UNION
	1. Elevation (Show whether DR, RKB, RT, GR, et	
	4520.2	
12. Check App	ropriate Box to Indicate Nature of Notice	e, Report or Other Data
NOTICE OF INTE	NITION TO:   SIII	BSEQUENT REPORT OF:
	LUG AND ABANDON   REMEDIAL WO	· · · · · · · · · · · · · · · · · · ·
		RILLING OPNS. 🕱 PANDA 🔲
	ULTIPLE COMPL CASING/CEME	NT JOB 🔀
DOWNHOLE COMMINGLE	·	·
OTHER:	☐ OTHER:	
	d operations. (Clearly state all pertinent details, a	
proposed completion or recomp	SEE RULE 19.15.7.14 NMAC. For Multiple Colletion.	ompletions: Attach wellbore diagram of
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( )	Attachoo	
See	loom ested	•
		•
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		·
Spud Date: 4 30 11	Rig Release Date:	5/1/
I hereby certify that the information above	e is true and complete to the best of my knowled	ge and belief.
$\bigcap$		1 1
SIGNATURE & MCKE	TITLE Dea. Anal	WS+ DATE 3/20/M
1 1/1/10	Valle Francisco	
Type or print name L. K. K. LOC For State Use Only	E-mail address: Kiki_lock	eH@ OKy amphone: 113-215-7643
I ( n)	MISTRICT CITE	EDVICAD P//
APPROVED BY: Conditions of Approval (if any):	TITLE MINITURE OUR	LIVIOUN DATE 8/29/20/2
• •		

# Operation Summary Report

BRAVO DOME UNIT 1935 152K

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT Start Date: 7/1/2011

				End Date: 7/5/2011 Rig Name: TRINIDAD 208
*# 	Date	Time	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Op Details
1	06/30/2011	00:00 - 06:00	6.00	SHUT DOWN FOR NIGHT, RIG UP TRUCKS & CREWS ON LOCATION AT 6:00 AM TO BEGIN RIGGING UP RIG # 208.
		06:00 - 12:00		PRE JSM AND RIG UP DSM TRAILER AND TOOL PUSHER SHACK. (TANDEM AND RIG UP TRUCKS DELAY DUE TO KANSAS DOT) RIG UP TRUCK ARRIVED AT NOON.
		12:00 - 16:00	4.00	HELD PRE JOB SAFTEY MEETING WITH RIG CREWS, AND TRUCK DRIVERS. START RIG UP
		16:00 - 20:00	4.00	FILLING STEEL PIT, RIGGING UP TO SPUD,
				STRAP & P/U 12 1/4" BHA, AS FOLLOWS:
				PICK UP BHA AS FÖLLOWS BIT - 12:25" SMITH FG04, SERIAL # PS55405
				8" DRILL COLLAR
		·		X-OVER
	,			18 - 6", DC
٠.,				law open win with a county weet to
		1 1 1 1 1 1 1 1 1 1		MIX SPUD MUD, HOLD PJSM & SPUD MEETING.
				NOTIFIED ED MARTIN WITH NMOCD OF INTENT TO SPUD @ 1930
		20:00 - 23:00		SPUDDED 12 1/4" HOLE @ 2230
				   DRILLED 12 1/4" HOLE FROM 0' TO 48'; ROP = 96
				DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION
				CIRCULATE THROUGH STEEL PITS
				WOB = 65 KLBS
				ROTARY = 148 RPM
				PUMP RATE = 328 GPM ( 60 SPM)
				PUMP PRESSURE = 760 PSI
•				TORQUE ON BOTTOM: 2000
				TORQUE OFF BOTTOM: 1000
		23:00 - 00:00	1.00	DRILLED 12 1/4" HOLE FROM 48' TO 146'; ROP = 98
				DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION
				CIRCULATE THROUGH STEEL PITS
				SANCESTEE THE SECOND SE
				WOB = 65 KLBS
				ROTARY = 148 RPM
				PUMP RATE = 328 GPM ( 60 SPM)
		, .		PUMP PRESSURE = 800 PSI
		,	].	TORQUE ON BOTTOM: 2000
2	07/01/2011	00:00 - 04:00	4.00	TORQUE OFF BOTTOM: 1000  DBILLED 13 1/4" HOLE EDOM 146 TO 445", POR = 74.75
2	07/01/2011	00.00 - 04.00	4.00	DRILLED 12 1/4" HOLE FROM 146 TO 445"; ROP = 74.75
				DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION
				CIRCULATE THROUGH RESERVE PITS
				WOB = 65 KLBS
				ROTARY = 120 RPM
				PUMP RATE = 328 GPM ( 60 SPM)
				PUMP PRESSURE = 800 PSI TOROUE ON POTTOM: 2000
				TORQUE ON BOTTOM: 2000 TORQUE OFF BOTTOM: 1000
				TOTAGE OF BOTTOM, 1000

j e jave	Service Control of the Control of th		OXY USA INC			
		Opera	tion Summary	Report		
Well:	BRAVO DOME UNIT 1935	I52K Event Name:	DEV DRILLING	10 1 4 7 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A STATE OF THE STATE OF	
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT			
Site:	BRAVO DOME C02 UNIT	Start Date:	7/1/2011		•	
# **	Date Time	End Date: Hrs: Op Details	7/5/2011	Ri	g Name: TRINIDAD 208	THE PARTY OF THE P
1.01	Start-End					
	04:00 - 06:00	2.00 DRILLED 12 1/4" HOLE FRO	·			
		RUN WIRELINE SURVEY @				
				1 SWEEP STICK E\	ERY OTHER CONNECTION	
		CIRCULATE THROUGH RE	SERVE PITS			
		WOB = 65 KLBS ROTARY = 120 RPM				
		PUMP RATE = 328 GPM ( 6	0 SPM)			
		PUMP PRESSURE = 800 P				
		TORQUE ON BOTTOM: 200 TORQUE OFF BOTTOM: 10				
	06:00 - 11:30	5.50 DRILLED 12 1/4" HOLE FRO		P = 56.9		
		DROP SOAP STICK EVERY	CONNECTION AND	A SMEED STICK EV	COV OTHER CONNECTION	
:	18 MAR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DROF SOAF STICK EVER	, CONNECTION AND	I SVVEEP STICK EV	ERT OTHER CONNECTION	
		CIRCULATE THROUGH RE	SERVE PITS			
		WOB = 65 KLBS				
		ROTARY = 148 RPM		•		
		PUMP RATE = 328 GPM ( 6			•	•
		PUMP PRESSURE = 800 P: TORQUE ON BOTTOM: 200		* .		, ·
		TORQUE OFF BOTTOM: 10	000		ŀ	
		7.00 PRE-TOUR SAFETY M				
		J.S.A. REVIEWED. WATCH USE PROPER LIFTING TEC	HNIQUES WHEN P	JLLING AND SETTIN	and the second of the second o	
	11:30 - 12:00	0.50 CIRC 2 BOTTOMS UP BEF	ORE TRIP TO RUN 8	5/8 SURFACE		
		HOLE CLEAN				
		SAFETY BREAK: DISCUSS STAYING HYDRATED	ED TRIPPING OUT (	OF THE HOLE, PINCH	I POINTS, BUFFER ZONES,	AND
		PINCH POINTS. HAVE GOO IF SOMETHING DOESN'T L	D COMMUNICATIO	N. WORK AT A STEA	: HOLE. J.S.A. REVIEWED. \ DY PACE. DON'T GET IN A BE TALKED ABOUT. STAY	
	12:00 - 14:00	HYDRATED. 2.00 RUN SURVEY AT 805'				. 3 1/0
	·	PJSM - T O H TO RUN 8 5/8		•		1.
	14:00 - 14:30	0.50 PJSM - RIG UP & RUN 20 J	TS. 8 5/8", 24#, J-55,	ST & C, SURFACE C	:ASING:	
		1 - 8 5/8" TEXAS PATTERN	SHOE50'			
		1 - SHOE JOINT 1 - INSERT FLOAT				
		PRE-JOB SAFETY MEETIN	G ON RIGGING UP A	IND RUNNING CASI	NG.	
,		J.S.A. REVIEWED. HAVE G				
		AS HE IS CLOSING THE EL SIGNALS, STAY AWARE OF				THE JOB
		SO WE CAN TALK ABOUT I	Т.			
	14:30 - 16:30	2.00 RUN 20 JTS. 8 5/8", 24#, J-5	55, ST & C, SURFAC	E CASING:		
		1 - 8 5/8" TEXAS PATTERN	SHOE50'			4
	of the second second	1 - SHOE JOINT	The second of th	t e e e e e e e e e e e e e e e e e e e		
4	16:30 - 17:00	1 - INSERT FLOAT 0.50 RIG DOWN CASING EQUIP	MENT	<u> </u>		
7	17:00 - 17:30	0.50 PJSM WITH CEMENTERS		RIG ÚP THE SAME	and the state of t	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				The second secon	A STATE OF THE STA	· · · · · · · · · · · · · · · · · · ·
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		Operat	tion Summary	Report		
Well:	BRAVO DOME UNIT 1935 1	52K Event Name:	DEV DRILLING	Company of the Manager of the Manage	the second section is the second section of the second section of the second section s	2
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT			
Site:	BRAVO DOME C02 UNIT	Start Date:	7/1/2011			
i a a the sentence	A THE VERNERAL PROPERTY OF THE	End Date:	7/5/2011	Rig Na	me: TRINIDAD 208	ER. V FEDER SAMESSES
#	Date Time	Hrs Op Details				
1 - 2 1	17:30 - 19:00	1.50 PUMP A 20 BBL FRESH WA	and the second s	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the second s	
<i>.</i>		- PUMP RATE = 5 BBL/MI	N	¥		
		PUMPED 144 BBLS (600 SA	ACKS) OF 14.8 PPG P	REMIUM PLUS CEMEN	т , ूं ्रें	
1000		- 2% CaCl2 - 0.125 lbm/sk Poly-E-F	lake '	e *		100
4		- YIELD: 1.35 CUFT/SA	CK			
والأدرية		- PUMP RATE = 5.5 BE - PRESSURE = 218 PS				
		- FRESSURE - 210 FS				
. *		DISPLACED WITH 47 BBLS		. ,		
		- PUMP RATE = 5 BBL - PRESSURE = 273 PS	•			
		- FINAL @ 2BPM = 286				
		BUMPED PLUG @ 18:35 AF	ND PRESSURED UP 1	O 587 PSI HELD FOR 5	MIN GOT BACK 5 BBL TO	1
	A SECTION OF THE SECT	TRUCK FLOATS HELD			33,0,0,0,0,0	
		FULL RETURNS THROUGH	OUT JOB			The first of the f
• .		GOT BACK 76 BBL (316 SK	4		·,	,
	19:00 - 23:00	4.00 WOC SLIP AND CUT DRILL LINE BACK OUT LANDING JOIN				
		5.5" CASING ON LOCATION	N			
	23,00 00,00	SAFETY BREAK: PPE				The state of the s
3 07	23:00 - 00:00 7/02/2011	1.00 DIG OUT CELLAR 7.00 FINISH DIGGING OUT CEL	IAR INSTALL WELL	IFAD & N/U BOD BUV	ALVES TO TEST ELANGE	<u> </u>
	07:00 - 09:00	2.00 TEST BOP AND WELLHEAD			ALVEO TO TEST TEAROE	<del></del>
		TEST GOOD				
a .	09:00 - 12:00	3.00 SAFETY MEETING WITH R	IG CREW			
		TIH, AND PICK UP BHA - 7 7/8" BIT				
		- BOTTOM HOLE COLLAR	WITH FLOAT AND CR	OWS FOOT		
	12:00 - 13:30	- 6 1/2" DRILL COLLARS - 1 1.50 PRESSURE TEST CASING		ANNUTEC	· · · · · · · · · · · · · · · · · · ·	
	12.00 - 13,30	1.50 FRESSURE TEST CASING	10 1000 E21 LOK 20	WIINUTES .		
		TEST GOOD				
	No.	DRILL OUT PLUG AND CEN	<b>MENT</b>			* .
	13:30 - 14:00	0.50 RIG UP FLOWLINE TO PITS	~~~~			
	14:00 - 18:00	4.00 DRILL 7 7/8" PRODUCTION	HOLE FROM 805' - 1	027 '	•	
		AVG. ROP = 55.5'/HR		•	•	
		WOB = 10-18 KLBS				
٠,		ROTARY = 85 RPM PUMP RATE = 450 GPM ( 6	O CDM)			
1.		PUMP PRESSURE = 900 PS				
· .		SURVEY @ 913' = 2.0 DEG	REE			
		NOTE, PARTIAL LOSSES 180 BBLS LOSSES; 45 BBL	S/HR			
		PUMP 10 BBL SWEEPS EV	ERY 90' AS FOLLOW	<b>S</b> :		
		8 SACKS OF FRESH GEL				
N (1)		8 SACKS OF PAPER 5 SACKS OF CEDAR FIBER				
•	* * * * * * * * * * * * * * * * * * *	SAFETY BREAK: STAYING	HYDRATED			

8/6/2012 12:52:52PM

		Operation Summary Report
Vell:	BRAVO DOME UNIT 193	5 152K Event Name: DEV DRILLING
Project:	BRAVO DOME	Prim. Reason: ORIG DRILL VERT
Site:	BRAVO DOME CO2 UNIT	Start Date: 7/1/2011
		End Date: 7/5/2011 Rig Name: TRINIDAD 208
# 3	Date Time Start-End	
	18:00 - 22:00	4.00 SAFETY STAND DOWN; DISCUSSED RECENT INCIDENTS, HAND PLACEMENT, LINE OF FIRE AND STOP WORK AUTHORITY
-		DRILL 7 7/8" PRODUCTION HOLE FROM 1027' - 1201' AVG. ROP = 43.5'/HR
		WOB = 10-18 KLBS ROTARY = 85 RPM PUMP RATE = 450 GPM (60 SPM) PUMP PRESSURE = 850 PSI
		SURVEY @ 1064' = 1.75 DEGREE
	in the second	PUMP 10 BBL SWEEPS EVERY 90' AS FOLLOWS:
		8 SACKS OF FRESH GEL 8 SACKS OF PAPER 5 SACKS OF CEDAR FIBER
ser	22:00 - 00:00	
		WOB = 14-20 KLBS ROTARY = 85 RPM PUMP RATE = 450 GPM ( 60 SPM) PUMP PRESSURE = 850 PSI  PUMP 10 BBL SWEEPS EVERY 90'
		DRIPPING MF-55 AT FLOW LINE
4 07	7/03/2011 00:00 - 01:30	
	** /:	
		SURVEY @ 1246' CAME BACK AT 5.0 DEGREES
		RE-RAN SURVEY = 3.0 @ 1276
<u> </u>	01:30 - 04:30	3.00 DRILL 7 7/8" PRODUCTION HOLE FROM 1276' - 1367 ' AVG. ROP = 30'/HR
		WOB = 10-15 KLBS ROTARY = 110 RPM PUMP RATE = 315 GPM ( 60 SPM) PUMP PRESSURE = 850 PSI
		PUMP 10 BBL SWEEPS EVERY 90'
		DRIPPING MF-55 AT FLOW LINE
	04:30 - 06:00	1.50 PUMP 10 BBL SWEEP AND RUN SURVEY AT 1337' SURVEY = 5 @ 1337; MISFIRE RE-RUN SURVEY = 3
	06:00 - 08:00	2.00 DRILL 7 7/8" PRODUCTION HOLE FROM 1367' - 1402' AVG. ROP = 18'/HR
		WOB = 10-15 KLBS  ROTARY = 115 RPM  PUMP RATE = GPM ( 60 SPM)  PUMP PRESSURE = 850 PSI
		PUMP 10 BBL SWEEPS EVERY 90'
		DRIPPING MF-55 AT FLOW,LINE
,		

8/6/2012 12:52:52PM

			OXY USA INC			
		Operat	ion Summary R	and the		
		Operat	ion Summary R	eport		
Well:	BRAVO DOME UNIT 1935 152k	C Event Name:	DEV DRILLING			
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT			
Site:	BRAVO DOME C02 UNIT	Start Date:	7/1/2011			
18 <b>4</b> ° 59 48	Date Time Hr	End Date:	7/5/2011 *** **** **** **********************	Rig Na	me: TRINIDAD 208	100 SC 1087 SS 36 36 56
	Start-End	Market Commence				
	08:00 - 09:00 1	.00 GENERATOR SHUT DOWN SUPERINTENDENT ABOUT OUT HERE DUE TO THE FA	TRIPPING UP INTO TH ACT THAT WE DO NOT	E CASING UNTIL WE HAVE 2 GENERATOR	COULD GET ANOTHE	
		TRIP OUT OF THE HOLE F				
	09:00 - 13:00 4	KEEPING HOLE FULL WITH 00 WAITING ON ELECTRICIAN				* 30 %
		SAFETY BREAK: DISCUSSI	ED HOUSE KEEPING			
	13:00 - 15:30 2	:.50 WAITING ON ELECTRICIAN	AND RENTAL GENERA	ATOR.		į
		GENERATOR ARRIVED @	15:00 HOURS, ELECTRI	CIAN @ 15:15		
		PRE TOUR SAFETY MEETI	NG			
	15:30 - 18:00 2	50 PJSM WITH ELECTRICIAN, TO THE LIGHT PLANT	RIG CREW, AND SAFE	TY MAN ABOUT WIRI	EING UP A RENTAL GE	NERATOR
		WIRE IN A CAT. RENTAL G	EN SET TO LIGHT PLAN	IT.		
		SAFETY BREAK: DISCUSSI	ED TRIPPING IN THE H	OLE	•	
	18:00 - 19:00 1	.00 TRIPPING IN THE HOLE FR			GENERATOR PROBLE	EMS.
	19:00 - 22:30 3	50 TAG BOTTOM AND DRILL 7	7/8" PRODUCTION HO	LE FROM 1402' - 158	5'	. · · · · · · · ·
		AVG. ROP = 52/HR	√OFF AUTOMATIC DRI	LLER AND LET WEIG	HT DRILL OFF TO +/- 5	K AND
		BACKREAM				
		WOB = 10-15 KLBS	V			45 2 - 1 - 2 - 34
		ROTARY = 115 RPM		, , , , , , , , , , , , , , , , , , , ,		W. State
		PUMP RATE = GPM (60 SF PUMP PRESSURE = 850 PS	•		•	
ř		PUMP 10 BBL SWEEPS EVI	ERY 90'			
		DRIPPING MF-55 AT FLOW	LINE	-		
	22:30 - 23:00 0	.50 BACKREAM AND PUMP SW		TAKE SURVEY	•	
		CUDVEV = 0.0 @ 4540				
	23:00 - 00:00 1	SURVEY = 3.0 @ 1549' .00 DRILL 7 7/8" PRODUCTION	HOLE FROM 1585' - 16	41'		
		AVG. ROP = 56'/HR				
		WOB = 10-15 KLBS				
	•	ROTARY = 115 RPM PUMP RATE = GPM (65 SF	DMAN	4		
		PUMP PRESSURE = 1000 P			•	
		PUMP 10 BBL SWEEPS EVE	ERY 90'			
		DRIPPING MF-55 AT FLOW	LÎNE		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	*
		SAFETY BREAK: DISCUSS	ED RECENT INCIDENT	LANGUAGE BARRIE	RS	
5 07	/04/2011 00:00 - 03:00 3	.00 DRILL 7 7/8" PRODUCTION AVG. ROP = 41'/HR	HOLE FROM 1641' - 17	61'		
		WOB = 10-15 KLBS				
		ROTARY = 115 RPM				
		PUMP RATE = GPM (65 SF PUMP PRESSURE = 750 PS	•			
		PUMP 10 BBL SWEEPS EVE	ERY 90'			
		DRIPPING MF-55 AT FLOW	LINE			
						ľ

Project: BRAVO DOME Prim. Reason: ORIG DRILL VERT							
Mail				OXY USA INC			<b>然思答了</b> 。
BRAVO DOME UNIT 1935 152K							
BRAVO DOME UNIT 1935 152K			Opera	ion Summary Ren	ort		
Project BRAVO DOME  Site BRAVO DOME CO2 UNIT  San Date 7/1/2011 Rig Name: TRINIDAD 208  8 Date 7/1/2011 Rig Name: TRINIDAD 208  9 Date 7/1/2011 Rig Name: TriniDAD 208	42		<b>~</b>				
Start Date	Well:	BRAVO DOME UNIT 1935 15	52K Event Name:	DEV DRILLING			
Sint Date   Tripon   Find Date   F	Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT			
End Date Time Hrs Op Details  Start-End Sun-Fend	Site:	BRAVO DOME C02 UNIT				•	
## Date   Time   His   Option					Rig Name:	TRINIDAD 208	
Start-End	#.	Date Time	A				Ala Sala
SURVEY = 3.0 @ 1730*  2.50 PIPE STUCK WITH NO LOSSES. ATTEMPTED TO PULL 30K OVER WITH NO SUCCESS. NOTIFIED FIELD SUPERINTENDENT. PUMPED 60 BBLS OF FRESH WATER DOWN THE BACKSIDE AND ATTEMPTED TO PULL 1P WITH NO SUCCESS. MIXED 25 BBLS OF DIESSEL AND 1 BBL OF PIPELAX AND PUMPED 257 STROKES. WORKED PIPE AND IMMEDIATELY CAME FREE.  08:00 - 10:00	16) Col 16	Start-End					
2.50 PIPE STUCK WITH NO LOSSES. ATTEMPTED TO PULL 30K OVER WITH NO SUCCESS. NOTIFIED FIELD SUPERINTENDENT. PUMPED 60 BBLS OF FRESK WATER DOWN THE ARCKSIDE AND ATTEMPTED TO PULL UP WITH NO SUCCESS. MIXED 26 BBLS OF DIESEL AND 1 BBL OF PIPELAX AND PUMPED 257 STROKES. MORKED PIPE AND IMMEDIATELY CAME FREE  08:00 - 10:00  4.00 DRILL 7 7/8 "PRODUCTION HOLE FROM 1761"- 1887'  WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (6S SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 80' DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK DISCUSSED MIXING CAUSTIC.  4.00 DRILL 7 7/8" PRODUCTION HOLE FROM 1887"- 2050' AVG. ROP = 41/H/R  WOB = 28 KLBS ROTARY = 6S RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002 TO 2020' SAFETY BREAK DISCUSSED STAYING HYDRATED.  4.50 DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28 HLBS ROTARY = 75 RPM PUMP RATE = 380 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  WOB = 28 KLBS ROTARY = 75 RPM PUMP PRESSURE = 1100 PSI  18:30 - 20:30 2.00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP PRESSURE = 1100 PSI  SURVEY = 1.5 @ 2192 SURVEY = 1.5 @ 2192  5.00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP SWEEP, PUMP 2 X BOTTOMS UP  3.50 BROD - 2177 10' SHOE JOINT - 2176 INSERT BLOAT.		03:00 - 03:30	0.50 BACKREAM AND PUMP SV	VEEP BOTTOMS UP TO TA	KE SURVEY		
2.50 PIPE STUCK WITH NO LOSSES. ATTEMPTED TO PULL 30K OVER WITH NO SUCCESS. NOTIFIED FIELD SUPERINTENDENT. PUMPED 60 BBLS OF FRESK WATER DOWN THE ARCKSIDE AND ATTEMPTED TO PULL UP WITH NO SUCCESS. MIXED 26 BBLS OF DIESEL AND 1 BBL OF PIPELAX AND PUMPED 257 STROKES. MORKED PIPE AND IMMEDIATELY CAME FREE  08:00 - 10:00  4.00 DRILL 7 7/8 "PRODUCTION HOLE FROM 1761"- 1887'  WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (6S SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 80' DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK DISCUSSED MIXING CAUSTIC.  4.00 DRILL 7 7/8" PRODUCTION HOLE FROM 1887"- 2050' AVG. ROP = 41/H/R  WOB = 28 KLBS ROTARY = 6S RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002 TO 2020' SAFETY BREAK DISCUSSED STAYING HYDRATED.  4.50 DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28 HLBS ROTARY = 75 RPM PUMP RATE = 380 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  WOB = 28 KLBS ROTARY = 75 RPM PUMP PRESSURE = 1100 PSI  18:30 - 20:30 2.00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP PRESSURE = 1100 PSI  SURVEY = 1.5 @ 2192 SURVEY = 1.5 @ 2192  5.00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP SWEEP, PUMP 2 X BOTTOMS UP  3.50 BROD - 2177 10' SHOE JOINT - 2176 INSERT BLOAT.			SHDVEV = 3.0 @ 1730'				
FIELD SUPERINTENDENT. PLUMPED 60 BBLS OF FRESH WATER DOWN THE BACKSIDE AND ATTEMPTED TO PULL UP WITH NO SUCCESS. MADE 25 BBLS OF DIESEL AND 1 BBL OF PIPELAX AND PUMPED 25' STROKES. WÖRKED PIPE AND IMMEDIATELY CAME FREE.  4.00 DRLL 7'78' PRODUCTION HOLE FROM 1761-1887' AVG. ROP = 32'MR WOS = 10-15 KLBS ROTARY = 115 RPM PUMP PARTE = 6PM (65 SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK- DISCUSSED MIXING CAUSTIC.  4.00 DRILL 7'78' PRODUCTION HOLE FROM 1867: 2650' AVG. ROP = 41'MR WOS = 28 KLBS ROTARY = 85 RPM PUMP RATÉ = 360 GPM (65 SPM) PUMP PRESSURE = 11430 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020' SAFETY BREAK- DISCUSSED STAVING HYDRATED.  4.50 DRILL 7'78' PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28'MR WOS = 28 KLBS ROTARY = 75 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30   2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00   3.50 DROP SURVEY AND TOH FROM 2192' SURVEY = 1.5 @ 2192  6 07/05/2011   00:00 - 02:00   2:00 SAFETY MEETING WITH RIG CREW TORUN CASING RUN 5 1/2' PRODUCTION CASING TO 2328' - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -		03:30 - 06:00		SES ATTEMPTED TO PUI	11 30K OVER WITH NO	SUCCESS NOTÍFIÉD	······································
ATTEMPTED TO PULL UP WITH NO SUCCESS. MIXED 28 BBLS OF DIESEL AND 1 BBL OF PIPELAX AND PUMPED 257 STROKES. WORKED PIPE AND IMMEDIATELY CAME FREE.  08:00 - 10:00  4:00 DRILL 7 7/8* PRODUCTION HOLE FROM 1761- 1887' AVG. ROP = 32/HR  WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = CPM (65 SPM) PUMP PRATE = CPM (65 SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  4:00 DRILL 7 7/8* PRODUCTION HOLE FROM 1887' - 2650' AVG. ROP = 28 KLBS ROTARY = 85 RPM PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002 TO 2020'  SAFETY BREAK: DISCUSSED STAVING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 7/8* PRODUCTION HOLE FROM 2550' - 2192' AVG. ROP = 28 HLBS ROTARY = 75 RPM PUMP PRATE = 380 GPM (65 SPM) PUMP PRESSURE = 1400 PSI  WOB = 28 KLBS ROTARY = 75 RPM PUMP PRATE = 800 GPM (65 SPM) PUMP PRESSURE = 300 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP SWEEP, PUMP 2X BOTTOMS UP  20:30 - 00:00  3:50 DROP SURVEY AND TOH FROM 2192' SURVEY = 1.5 @ 2192  6:07/05/2011  0:00:00 - 02:00  CUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -	J. 15	J. A. J.					
08:00 - 10:00  4:00 DRILL 7 7/8" PRODUCTION HOLE FROM 1761 1887'  AVG. ROP = 32/HR  WOB = 10-15 KLBS  ROTARY = 115 RPM  PUMP PATE = OPM (58 SPM)  PUMP PATE = 0PM (58 SPM)  PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  4:00 DRILL 7 7/8" PRODUCTION HOLE FROM 1887' - 2050'  AVG. ROP, = 41/HR  WOS = 28 KLBS  ROTARY = 58 RPM  PUMP PATE = 360 GPM (65 SPM)  PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002 TO 2020'  SAFETY BREAK DISCUSSED STAVING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192'  AVG. ROP = 28/HB  WOB = 28 KLBS  ROTARY = 75 RPM  PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH  PUMP PRESSURE = 1100 PSI  6:07/05/2011  00:00 - 02:00  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH  PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00  3:50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6:07/05/2011  00:00 - 02:00  CUIDE SHOE - 2177  - 10 SHOE JOINT - 2176  - INSERT FLOAT -							
AVG. ROP = 32/HR  WOB = 10-15 KLBS ROTARY = 115 FPM PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK DISCUSSED MIXING CAUSTIC.  10:00 - 14:00  4:00 DRILL 7 7/8° PRODUCTION HOLE FROM 1887* 2050' AVG. ROP = 41/HR  WOB = 28 KLBS ROTARY = 85 RPM PUMP RATE = 980 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002* TO 2020' SAFETY BREAK: DISCUSSED STAVING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 7/8° PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28 WIR  WOB = 28 KLBS ROTARY = 75 RPM PUMP PRESSURE = 100 PSI  18:30 - 20:30  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP PRESSURE = 100 PSI  20:30 - 00:00  3:50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  5:07/05/2011  00:00 - 02:00  2:00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5 1/2° PRODUCTION CASING TO 2328'  - GUIDE SMOE - 2177 - 10 SHOE JOINT - 2176 - INSERT FLOAT -							× , * .
WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00		06:00 - 10:00		HOLE FROM 1761'- 1887'			
ROTARY = 115 RPM PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00  AVG. ROP = 41/9R  WOB = 28 KLBS ROTARY = 65 RPM PUMP RATE = 300 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 78' PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28'/HR  WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 300 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP PRESSURE = 1100 PSI  20:30 - 00:00  3:50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6:07/05/2011  0:00 - 02:00  2:00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5:1/2' PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -			AVG. ROP = 32'/HR				
ROTARY = 115 RPM PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00  AVG. ROP = 41/9R  WOB = 28 KLBS ROTARY = 65 RPM PUMP RATE = 300 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 78' PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28'/HR  WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 300 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP PRESSURE = 1100 PSI  20:30 - 00:00  3:50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6:07/05/2011  0:00 - 02:00  2:00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5:1/2' PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -			WOR = 10-15 KLBS		•		
PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00							
PUMP PRESSURE = 750 PSI  PUMP 10 BBL SWEEPS EVERY 90'  DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00 4.00 DRILL 7 7/8' PRODUCTION HOLE FROM 1887' - 2650'  AVG. ROP = 41'HR  WOS = 28 KLBS  ROTARY = 35 RPM  PUMP RATE = 380 GPM (65 SPM)  PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30 4.50 DRILL 7 7/8' PRODUCTION HOLE FROM 2050' - 2192'  AVG. ROP = 28/HR  WOS = 28 KLBS  ROTARY = 75 RPM  PUMP RATE = 390 GPM (65 SPM)  PUMP PRESSURE = 1100 PSI  18:30 - 20:30 2.00 SAFETY MEETING WITH RIG CREW ABOUT TOH  PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00 3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6 07/05/2011 00:00 - 02:00 2.00 SAFETY MEETING WITH RIG CREW TO RUN CASING  RUN 5 1/2' PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177  - 10' SHOE JOINT - 2176  - INSERT FLOAT -				PM)			
DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00				· ·			
DRIPPING MF-55 AT FLOW LINE  SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00			DUMB 10 DDL CMEEDO EV				
SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00  4.00 DRILL 7 7/8" PRODUCTION HOLE FROM 1887' - 2050' AVG. ROP. = 41'H/R  WOB = 28 KLBS ROTARY = 85 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4.50 DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28'H/R  WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 360 GPM (65 SPM) PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2.00 SAFETY MEETING WITH RIG CREW ABOUT TOH  PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00  3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  2.00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5 1/2" PRODUCTION CAŞING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -			PUMP 10 BBL SWEEPS EV	ERY 90'			
SAFETY BREAK: DISCUSSED MIXING CAUSTIC.  10:00 - 14:00  4.00 DRILL 7 7/8" PRODUCTION HOLE FROM 1887' - 2050' AVG. ROP. = 41'H/R  WOB = 28 KLBS ROTARY = 85 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4.50 DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28'H/R  WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 360 GPM (65 SPM) PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2.00 SAFETY MEETING WITH RIG CREW ABOUT TOH  PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00  3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  2.00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5 1/2" PRODUCTION CAŞING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -			DRIPPING MF-55 AT FLOW	TIME			
10:00 - 14:00  4.00 DRILL 7 7/8" PRODUCTION HOLE FROM 1887' - 2050' AVG. ROP. = 41/HR  WOB = 28 KLBS ROTARY = 85 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4.50 DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP. = 28/HR  WOB = 28 KLBS ROTARY = 75 RPM PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2.00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00  3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  2.00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5 1/2" PRODUCTION CAŞING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -			Bill 1 110 ill. 227.1 . 221.	LINE	*		
AVG. ROP = 41/HR  W08 = 28 KLBS  ROTARY = 85 RPM  PUMP RATE = 360 GPM (55 SPM)  PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30		· · · · · · · · · · · · · · · · · · ·	SAFETY BREAK: DISCUSS	ED MIXING CAUSTIC.			
WOB = 28 KIBS ROTARY = 85 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 78" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28"/HR  WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2.00 SAFETY MEETING WITH RIG CREW ABOUT TOH  PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00  3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  SURVEY = 1.5 @ 2192  - GUIDE SHOE - 2177 - 10" SHOE JOINT - 2176 - INSERT FLOAT -	***	10:00 - 14:00		HOLE FROM 1887! - 2050!		·	
ROTARY = 85 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 /78" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28/HR  WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 380 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH  PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00  3:50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6:07/05/2011  00:00 - 02:00  2:00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5:1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -			AVG. ROP = 417HR			at well as a second of the sec	
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PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI  NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020'  SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30			こうかんとん 正正さきがた しょうしん				
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SAFETY BREAK: DISCUSSED STAYING HYDRATED.  14:00 - 18:30  4:50 DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28'/HR  WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1100 PSI  18:30 - 20:30  2:00 SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00  3:50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6:07/05/2011  00:00 - 02:00  2:00 SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5 1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -		•	The state of the s	-			٠.
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PUMP PRESSURE = 1100 PSI  18:30 - 20:30							
18:30 - 20:30			•				
PUMP SWEEP, PUMP 2 X BOTTOMS UP  20:30 - 00:00 3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6 07/05/2011 00:00 - 02:00 2.00 SAFETY MEETING WITH RIG CREW TO RUN CASING  RUN 5 1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -		18:30 - 20:30			· · · · · · · · · · · · · · · · · · ·		
20:30 - 00:00 3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6 07/05/2011 00:00 - 02:00 2.00 SAFETY MEETING WITH RIG CREW TO RUN CASING  RUN 5 1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -	-	10.30 - 20.30	2.00 SAFELT MEETING WITH R	IG CREW ABOUT TON			, ,
20:30 - 00:00 3.50 DROP SURVEY AND TOH FROM 2192'  SURVEY = 1.5 @ 2192  6 07/05/2011 00:00 - 02:00 2.00 SAFETY MEETING WITH RIG CREW TO RUN CASING  RUN 5 1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -		· · · · · · · · · · · · · · · · · · ·	PUMP SWEEP, PUMP 2 X I	BOTTOMS UP			.
6 07/05/2011 00:00 - 02:00 2:00 SAFETY MEETING WITH RIG CREW TO RUN CASING  RUN 5 1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177  - 10' SHOE JOINT - 2176  - INSERT FLOAT -		20:30 - 00:00					
6 07/05/2011 00:00 - 02:00 2:00 SAFETY MEETING WITH RIG CREW TO RUN CASING  RUN 5 1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177  - 10' SHOE JOINT - 2176  - INSERT FLOAT -							
RUN 5 1/2" PRODUCTION CASING TO 2328'  - GUIDE SHOE - 2177  - 10' SHOE JOINT - 2176  - INSERT FLOAT -	5 07	7/05/2044 00:00 02:00		O OBEINTO BUN CACINO			•
- GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -	6 0	//05/2011 00:00 - 02:00	2.00 SAFETY MEETING WITH R	IG CREW TO RUN CASING			}
- GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT -		•	RUN 5 1/2" PRODUCTION (	CASING TO 2328'		,	
- 10' SHOE JOINT - 2176 - INSERT FLOAT -					•		
- INSERT FLOAT -				* *		. *	1
	٠.	•					
- 34 313 OF 3 112 13.3# 3-35 ETC FROWI 2100 TO SURFACE				ELTO EDOM 2466' TO SUB	EACE	* * * * * * * * * * * * * * * * * * * *	
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	- 54 JTS OF 5 1/2 15.5# J-5	S LIC PROMIZION TO SUR	FACE	The state of the s	
				•			

8/6/2012 12:52:52PM

### Operation Summary Report

BRAVO DOME UNIT 1935 152K

DEV DRILLING Event Name:

BRAVÓ DOME	Prim. Reason:	ORIG DRILL VERT		
BRAVO DOME C02 UNIT	Start Date:	7/1/2011	•	
	End Date:	7/5/2011	Rig Name:	TRINIDAD 208
	The state of the s		The state of the s	
02:00 - 05:00	3.00 LAND MANDREL		The state of the s	
	R/U CMT			
	PUMPED CEMENT JOB AS	FOLLOWS		
		. 5225776.		
	- 20 BBL FRESH WATER SI	PACER AT 5 BBL/MI	N AND 175 PSI	
* *	*	.US MIDCON 2 W/2%	CC, LEAD CEMENT	
		T/SACK		
•				
	- 1 ah			
	- PUMP PRESSUR	E = 220 PSI	.* •	
	40 OF PREMILIN PLACE	IDCON MUDOL CO		
		IDCON W/2% CC		
		UFT/SACK		
	- PUMP PRÉSSL	JRE = 100 PSI		A September 1
	DISDLACE WITH 64 5 PRI	C OF EDECH WATE	7 - 175.34 2 - 175.34	
	- DISPLACE VI(17 51.5 BBL	S OF FRESH WATE	К	
202.22	BRAVO DOME C02 UNIT  Date Time Start-End	BRAVO DOME C02 UNIT    End Date	BRAVO DOME C02 UNIT    Start Date	BRAVO DOME C02 UNIT    End Date: 7/1/2011   Rig Name:

BUMPED PLUG AT 950 PSI

CIRCULATED 76 BBL (132 SKS) TO SURFACE 3.00 RIG DOWN HALLIBURTON

05:00 - 08:00

BACKED OUT LANDING JOINT

NIPPLE DOWN BOP, AND JET PITS.

RELEASE RIG TO THE BDU\_ 1935-162K @ 08:00 HOURS

8/6/2012 12:52:52PM

# Casing Report

Well:	BRAVO DOME UNIT 1935 152K	Event Name:	DEV DRILLING	Report Date:	7/3/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	2
Site:	BRAVO DOME CO2 UNIT	Start Date:	7/1/2011	Wellbore:	00
Active D	atum: Original KB @4,527.20ft (above Mean Sea Level)	End Date:	7/5/2011		

Assembly Name:         PRODUCTION CASING         Weight in Slips:         Manufacturer:         FMC         7/2/2011         INSTALLED           Nom. Size:         5.500 (in)         Hours Circ:         Model:         FMC TC           Top MD:         12.00 (ft)         Fluid Lost:         Hanger Model:           Landed MD:         2,169.99 (ft)         Vol Fluid Lost:         Packoff Model:           Assembly Length:         2,157.99 (ft)         Top Flange Size/Rating:         6.500 (in)/2000 (psi)		Assembly			Casing Flange		Status History
Top MD:         12.00 (ft)         Fluid Lost:         Hanger Model:           Landed MD:         2,169.99 (ft)         Vol Fluid Lost:         Packoff Model:           Assembly Length:         2,157.99 (ft)         Top Flange Size/Rating:         6.500 (in)/2000 (psi)	Assembly Name:	PRODUCTION CASING	Weight in Slips:	Manufacturer:	FMC	7/2/2011	INSTALLED
Landed MD:         2,169.99 (ft)         Vol Fluid Lost:         Packoff Model:           Assembly Length:         2,157.99 (ft)         Top Flange Size/Rating:         6.500 (in)/2000 (psi)	Nom. Size:	5.500 (in)	Hours Circ:	Model:	FMC TC		
Assembly Length: 2,157.99 (ft) Top Flange Size/Rating: 6.500 (in)/2000 (psi)	Top MD:	12.00 (ft)	Fluid Lost:	Hanger Model:			
	Landed MD:	2,169.99 (ft)	Vol Fluid Lost:	Packoff Model:			
Directions Clare Control Delices	Assembly Length:	2,157.99 (ft)		Top Flange Size/Rating:	6.500 (in)/2000 (psi)		
Liner Overlap: Bitth Flange Size/Rating:	Liner Overlap:			Btm Flange Size/Rating:			

							Com	ponents						
Component Name	Jts	Length (ft)		Birm MD (ft)	Nominal OD (in)	Nominal ID (in)	Drift ID	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
SHOE JOINT	52	2,146.99	12	2,158.99	5.500	4.950	4.825	15.50	J-55	LTC				
INSERT FLOAT	11	0.00	2159	2,158.99	5.500	4.950	4.825	0.00				4	in the	.4
SHOE JOINT	1	10.00	2159	2,168.99	5,500	4.950	4.825	15.50	J-55	LTC				
GUIDE SHOE	1	1.00	2169.	2,169.99	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL	Ŷ.		$\begin{array}{cccccccccccccccccccccccccccccccccccc$

	Jewelry			
Accessory Name	Manufacturer	Num Spacing (ft)	Top MD (ft)	val How Fixed
CENTRALIZER	HALLIBURTON	13	0.00	2,192.00 COUPLING

the control of the co	TO THE PROPERTY OF THE PROPERT
- 「我とのフィンス」、2017年では18年後の最初に対し、1817年においては18年後の18年後の18年代によって、2017年代により18年代の18年代の18年代	
	Nettical No.
- 「数 も」、 本と しき 、より (Appellation MOTOR) (Appellation ) こことは (Appellation ) (App	AND THE REPORT OF THE PROOF OF
	· ·

### Casing Report

Well:	BRAVO DOME UNIT 1935 152K	Event Name:	DEV DRILLING	Report Date:	7/1/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	1
Site:	BRAVO DOME C02 UNIT	Start Date:	7/1/2011	Wellbore:	00
Active D	atum: Original KB @4,527.20ft (above Mean Sea Level)	End Date:	7/5/2011		

	Assembl	y		Casing Flange		Status History
Assembly Name:	SURFACE CASING	Weight in Slips:	Manufacturer:	VETCO GRAY	7/1/2011	INSTALLED
Nom. Size:	8.625 (in)	Hours Circ:	Model:	VG CWCT		
Top MD:	12.50 (ft)	Fluid Lost:	Hanger Model:			
Landed MD:	70.20 (ft)	Vol Fluid Lost:	Packoff Model:			
Assembly Length:	57.70 (ft)		Top Flange Size/Rating:	11.000 (in)/3000 (psi)		
Liner Overlap:			Btm Flange Size/Rating:			

							Comp	onents :			The first of the state of the state of		Salat, L.	
*Component Name	Jts	Length (ft)		Btm MD (ft)	Nominal OD, (in)	Nominal ID (in)	Drift ID	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
CASING JOINT(S)	1	14.00	13	26.50	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			
INSERT FLOAT	1	0.00	27	26:50	8.625	8.097	7.972	24.00	J55 -	STC ·	LONE STAR STEEL	7	4	
SHOE JOINT	1	42,70	27	69.20	8.625	8.097	7,972	24.00	J-55	STC	HALLIBURTON		·	
TEXAS PATTERN SHOE	1: ,	.1,00	69	70.20	8.625	8.097	7.972	24.00		STC .	HALLIBURTON			14 A A A A

	Jewelry			
Accessory Name	. Manufácturer	Num Spacing (ft)	Interval Top MD (ft)	How Fixed
CENTRALIZER	HALLIBURTON	6	12.00	47 COUPLING

	Remarks

### PRIMARY Cementing Report

BRAVO DOME UNIT 1935 152K

DEV DRILLING Event Name:

Report Date: 7/5/2011

BRAVO DOME Project:

ORIG DRILL VERT Prim. Reason:

7/1/2011

7/5/2011

Report No.:

2

BRAVO DOME C02 UNIT Site:

Start Date:

00

Original KB @4,527.20ft (above Active Datum: Mean Sea Level)

End Date:

Wellbore:

General Job Information

Contractor: HALLIBURTON Cemented Assembly

Actual TOC MD:

7.00 (ft)

**WOC Time:** 

Assembly Size: 5.500 (in)

(ft-lbf)

TOC Locate Method:

Cmt Returns at Surf

Cement:

Assembly Btm MD:

2170 (ft)

PRODUCTION CASING

Total Slurry in Well:

100

Not Ready to FN Static BHT:

Returns

Assembly Set Date: Hole Size:

Volume Lost

07/03/2011 7.875 (in) 0.0 (bbl)

Excess Slurry Volume Est Cmt Voi Returns to Surf

Reciprocating

223.1 (bbl) 76.0 (bbl)

Pipe Movement - No Movement

Rotating init Rot. Torque:

Reciprocate Start: Reciprocate End:

Stroke Length: Drag Wt. Up:

Rotating Start: Rotating End: Rotating RPM:

Avg Rot. Torq.: Max Rot. Torq.:

Reciprocate SPM:

Drag Wt. Down:

TO AN THE REPORT AND ADDRESS OF THE PROPERTY O		Stage 1 - Primary	12 - 2;192 ft
	- 1	The second about 18 capable of the c	

Circulate Prior: Bottom Plug Used: Circulate Flow Rate Bumped Plug: Circulate Press Plug Catcher Used Ann Press Held: Float Held: Pill Spotted Below Plug

Annular Flow

Press. Over Pumping: Duration Press. Held:

Actual Sacks Used:

Press, Prior to Bump:

Bump Press.

03:48 Slurry Type: Pumping Start: Pumping End: 03:52 Class: 5.00 (bbl/min) Rate: Density:

SPACER Total Slurry Volume: Excess Slurry Percent 8.30 (ppg) Excess Measured By: Mix Water Ratio:

Mix Method:

Mix Water Ratio:

Mix Method:

Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used:

0.0 (bbl)

Foam Job: Yield: LEAD CEMENT

Slurry Type

**ACCELERATOR** 

Additive Type

Slurry Type:

Class:

Yield:

Density

ACCELERATOR

CIRCULATION LOSSES

CIRCULATION LOSSES

Class:

Density

CEMENT PREM PLUS 11.10 (ppg)

3.2500 (ft³/sk)

CEMENT

DISPLACEMENT

8.30 (ppg)

**"是我们不是** Total Slurry Volume: 173.7 (bbl) Excess Slurry Percent: 100.00 (%) Excess Measured By:

0.0 (bbl)

Slurry Top MD: Slurry Btm MD: Total Water Vol Used:

146.0 (bbl) 300

150

Foam Job: Yield: Additive Name Additive Type

5.50 (bbl/min)

03:52

04:22

CALC<sub>2</sub>

POL-E FLAKES

Additive Name

POL-E FLAKES

04:37

04:54

7.50 (bbl/min)

CALC<sub>2</sub>

Additive Conc. 2.000 % BWOC 0.250 lbs/sk

Additive Amount 4.00 bbl 87.50 lbs

20.440 (gal/sk94)

Slurry Top MD:

Slurry Btm MD: 35.5 (bbl)

TAIL CEMENT Pumping Start: Pumping End: Rate:

Foam Job:

FRESH WATER

Pumping Start:

Pumping End:

Pumping Start:

Pumping End:

Rate

04:22 04:34 5.50 (bbl/min) Slurry Type Class: PREM PLUS 13.20 (ppg) Density Yield: 1.8500 (ft³/sk)

Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio:

Total Slurry Volume

Excess Slurry Percent:

Excess Measured By:

Mix Water Ratio

Mix Method:

Mix Method:

49.4 (bbl) 100.00 (%) 9.950 (gal/sk94)

Total Water Vol Used: Actual Sacks Used:

Actual Sacks Used:

Additive Conc. **Additive Amount** 2,000 % BWOC 1.00 bbl

0.250 lbs/sk 37.50 lbs

0.0 (bbl) Slurry Top MD:

Slurry Btm MD: Total Water Vol Used: 0.0 (bbl)

Foam Job Remarks

Rate:

JOB WENT AS PLAN HALLIBURTON DID GOOD JOB, GOOD CREW

8/6/2012

12:52:27PM

### **PRIMARY Cementing Report**

BRAVO DOME UNIT 1935 152K Well:

DEV DRILLING Event Name:

Report Date: 7/1/2011

Project: BRAVO DOME

ORIG DRILL VERT Prim. Reason:

Report No.: .00

子的多数

Site: BRAVO DOME C02 UNIT Start Date: End Date:

7/1/2011 Wellbore:

Active Datum: Original KB @4,527.20ft (above

HALLIBURTON

Mean Sea Level)

7/5/2011

General Job Information

Cemented Assembly SURFACE CASING

Assembly Size: 8.625 (in)

Actual TOC MD: 70 (ft)

7.00 (ft)

**WOC Time:** Foam Cement:

Returns:

Contractor:

Assembly Btm MD:

TOC Locate Method:

Cmt Returns at Surf

Not Ready to FN

Assembly Set Date:

07/01/2011 Total Slurry in Well: Excess Slurry Volume:

144.3 (bbl) 76.0 (bbl)

Static BHT:

Hole Size: Volume Lost: 12.250 (in) 0.0 (bbl)

Est Cmt Vol Returns to Surf

Reciprocating

Pipe Movement No Movement .

Rotating Init Rot. Torque: Rotating Start:

Reciprocate Start: Reciprocate End:

Stroke Length: Drag Wt. Up:

Rotating End: Rotating RPM:

Circulate Prior:

Avg Rot. Torq.: Max Rot. Torq.:

Reciprocate SPM:

Drag Wt. Down:

Stage 1 - Primary 13 - 784 ft CTU Used:

2.00 (hr)

Top Plug Used Bottom Plug Used: Bumped Plug: Plug Catcher Used

Annular Flow Ann Press Held: Float Held: Pill Spotted Below Plug:

Press. Over Pumping: Duration Press. Held:

Press. Prior to Bump:

Circulate Flow Rate: Circulate Press FRESH WATER

Pumping Start: 18:16 Pumping End: Rate: 5.90 (bbl/min)

CEMENT

Slurry Type: SPACER Class: Density: 8.33 (ppq)

Total Slurry Volume Excess Slurry Percent: Excess Measured By:

Slurry Top MD: Slurry Btm MD: Total Water Vol Used:

Bump Press.:

0.0 (bbl)

1.3500 (ft³/sk) Yield: Mix Water Ratio

Mix Method

0.0 (bbl)

100.00 (%)

Slurry Top MD

Actual Sacks Used:

Pumping Start: Pumping End: Rate Foam Job:

Foam Job:

Slurry Type 17:43 18:15 Class: 5.50 (bbl/min) Density: Yield:

CEMENT PREM PLUS 14.80 (ppg) 1.3500 (ft³/sk)

Total Slurry Volume Excess Slurry Percent: 100.00 (%) Excess Measured By: Mix Water Ratio: 6.350 (gal/sk94)

Slurry Btm MD: Total Water Vol Used: Actual Sacks Used:

90.7 (bbl) 600

Additive Name CALC2 POL-E FLAKES Additive Type **ACCELERATOR** CIRCULATION LOSSES Additive Conc. 2.000 % BWOC 0.250 lbs/sk

Mix Method:

Additive Amount 50.00 Sacks 150.00 lbs

VERY GOOD WITH CREW AND CEMENTING

8/6/2012

12:52:34PM