Form 3160-4 (August 1999)

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

- /	FORM APPROVED
- [	OMB No. 1004-0137
Ekı	pires: November 30, 2000

WELL	COMPLETION	OR RECOMPI	ETION REPORT	ANDIOG
VVELL	COMPLETION	OK KEGOIVIFL	LETION REPORT	AND LOG

	WELL C	OMPL	ETION	K KE	COMP	LETIO	N REPUR	RIANDL	.06		3./ LE	MSF07929	90A	
la. Type of	_	Oil Well	<b>⊠</b> Gas		□ Dry	Otl					6. If	Indian, Allo	ttee or	Tribe Name
b. Type of	f Completion	124	ew Well r	□ Wor	k Over	□ Dee	pen	Plug Back	□ Diff. R		7. Ui	nit or CA A	greeme	ent Name and No.
2. Name of		2.0040			Cor		BORAH MA					ase Name a		
	COPHILLIPS PO BOX 2					E-IV		h.marberry( No. (includ	$\frac{1975.28}{1}$			AN JUAN PI Well No.		JNII 186F
	LIGHTON		0=0			(a) N		1000000	~ *				30-03	9-26980-00-C2
4. Location	HOUSTON of Well (Rep Sec 13	T28N R	on clearly ar	id in acc	ordance v	vith Feder	ral requireme	APR	2003			ield and Po LANCO M		
At surfa  At top p	ice SESW prod interval r		2300FWL				the same of the sa	£7.4	) 	(LAS)	11. S	Sec., T., R., r Area Sec	M., or 2 13 T2	Block and Survey 28N R7W Mer NM
At total	depth							No. of Farm		N		County or Pa		13. State NM
14. Date S <sub>1</sub> 12/13/2	pudded			ate T.D. /20/200	Reached 2		16.7 <u>I</u>	Date Complet  & A  3/13/2003	ed Ready to P	rod.		Elevations (		3, RT, GL)*
18. Total D	Depth:	MD TVD	7867		19. Plug	Back T.	1	78	64		th Bri	dge Plug Se		MD TVD
21. Type E CBL TI	lectric & Oth DT GR CCL	er Mechar CBL TD1	nical Logs R F GR CCL	un (Subi	mit copy	of each)				well cored DST run? tional Sur	? vey?	⊼oNo i	≒ Yes	(Submit analysis) (Submit analysis) (Submit analysis)
3. Casing a	nd Liner Reco	ord <i>(Repo</i>	rt all strings	set in w	vell)									
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (ME		ottom (MD)	Stage Cemer Depth		of Sks. & of Cement	Slurry (BBl		Cement 7	Гор*	Amount Pulled
12.250		325 J-55	36.0		0	234			135				0	
8.750		00 J-55	20.0	-	0	3766			575	<b>.</b>			0	
6.250	4.5	500 J-55	11.0	-	0	7867			450	<u>' </u>		ļ	2550	
	<del> </del>				$\dashv$						•			
24. Tubing Size	Depth Set (M	(D) P	acker Depth	(MD) I	Size	Denth	Set (MD)	Packer De	nth (MD)	Size	l De	pth Set (MI	<u>))  </u>	Packer Depth (MD)
2.375		7655	icker Depth	(MD)	Size	Бери	Set (MD)	Tacker De	ptii (IVID)	Size	1	pui set (Wi	<del>"  </del>	acker Depth (MD)
25. Produci	ng Intervals	•				26. 1	Perforation F	Record					·	
	ormation		Тор		Bottom		Perfora	ted Interval		Size		No. Holes		Perf. Status
A) B)	MESAVE	RDE		5036	56	84	***		O 5190	0.34	_		OPE	
C)		-				-	<del></del>	3300 1	0 3004	0.32	+	32	OPE	<u> </u>
D)	racture, Treat	ment Cer	ment Squeez	e Etc										
	Depth Interva		rent squeez	c, Etc.				Amount an	d Type of M	laterial				
			190 FRAC V	V/65 Q S	LICKWAT	ER FOAN	/ W/1 G/MG	FR, 100,000 ;						
	55	68 TO 56	84 FRAC V	V/65 Q S	LICKWAT	ER FOAN	/ W/1 G/MG	FR, 100,000#						
28. Product	ion - Interval	A												
Pate First	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF			il Gravity	Gas		Product	ion Method		
03/25/2003	03/05/2003	4	- Condition	3.0		44.0 BI	5.0	Сопт. АРІ	Gravity	′		FLOW	/S FRC	M WELL
Choke Size	Tbg. Press. Flwg. 340	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	W		ias:Oil atio	Well S	tatus				
1/2	SI	700.0							F	'GW			in termore	
	ction - Interva			Lau								property of the second	FE	FOR REGI
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	W BI		Dil Gravity Corr. API	Gas Gravity		Product	ion Method	APR	1 8 2003
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	W		as:Oil atio	Well Si	tatus				WELL OFFICE

		1.0										
	action - Interv											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Ga Gr	as ravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	ell Status			
28c. Produ	iction - Interv	al D	•	<u> </u>	<del></del>	.4						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Ga Gr	as ravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	ell Status	Status		
29. Dispos SOLD	sition of Gas(S	old, used fo	or fuel, vent	ed, etc.)	<del>!</del>							
30. Summ	ary of Porous	Zones (Inc.	ude Aquife	rs):					31. For	mation (Log) Markers	· · · · · · · · · · · · · · · · · · ·	
tests, i	all important z ncluding dept coveries.	zones of por h interval to	rosity and costed, cushio	ontents there	eof: Cored i e tool open,	ntervals and flowing and	all drill-sten shut-in pres	n ssures				
	Formation		Тор	Bottom		Description	ns, Contents	, etc.		Name	Top Meas. Depth	
SAN JOSE NACIMIENTO OJO ALAMO  32. Additional remarks (include This well is a downhole of Dakota.		(include plu	0 1165 2474	1165 2474 2626 edure): ell producin	g from the	Blanco Mes	saverde an	d Basin	KIR FRI PIC CH. CLI ME PO GA GR	CIMIENTO RTLAND UITLAND CTURED CLIFFS ACRA AFF HOUSE NEFEE INT LOOKOUT LLUP EENHORN KOTA	1372 2633 3106 3369 4330 5030 5200 5559 6838 7530 7596	
1. Ele 5. Sur	enclosed attac ectrical/Mecha ndry Notice fo by certify that	nical Logs r plugging	and cement  ng and attac  Elect	verification  thed informationic Subm For CON	ation is com	2. Geologic 6. Core Ana plete and cor 40 Verified LIPS COM essing by St	Tect as deter	rmined from  M Well Info	rmation Sys	e records (see attached instructi	•	
Name	(please print)	DEBORA			F	- 9-, 50			TING CON	,		
Signat	ure	(Electronic	Submissi	on)			Da	te 04/10/20	003			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

SAN JUAN 2	28-7 UNIT 186F Daily Summary
API/UWI 300392698000 Ground Elevation (ft) 6624.00	County   State/Province   Surface Legal Location   N/S Dist. (ft)   N/S Ref.   E/W Dist. (ft)   RIO ARRIBA   NEW MEXICO   NMPM-28N-7W-13-N   220.0   S   2300.0   W
Start Date	Ops This Rpt
12/28/2002 00:00	HELD SAFETY MEETING. MIRU. COIL TBG. OPENED UP WELL. CSG PRESSURE 0 #. RIH W/ 3 7/8" BIT & BAKER MOTOR ON 1 3/4" COIL TBG. TAGGED CEMENT @ 7532'. DRILLED FROM 7532' TO 7711'. CIRCULATED HOLE W/ 2% KCL WATER. POOH W/ COIL TBG. SWION. (SSM)
12/29/2002 00:00	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RIH W/ 3 7/8" BIT & BAKER MOTOR ON 1 3/4" COIL TBG. TAGGED CEMENT @ 7711'. DRILLED FROM 7711' TO 7826' PBTD. CIRCULATED HOLE W/ 2% KCL WATER. POOH W/ COIL TBG. SWION. RDMO. (SSM)
1/2/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP CSG TO 2000 #. RAN CBL LOG FROM 7864' TO 2350'. TOP OF CEMENT @ 2550'. RAN TDT LOG FROM 7864' TO 2200'. RAN GR/CCL LOG FROM 7864' TO SURFACE. TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER. (SSM)
2/11/2003 00:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7632' - 7668' W/ 1/2 SPF, 7736' - 7750' W/ 1 SPF, 7776' - 7806' W/ 1/2 SPF. A TOTAL OF 50 HOLES @ 0.34 DIA. SWION. RD BLUE JET. (SSM)
2/12/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. FRAC'D THE DAKOTA. TESTED LINES TO 4996 #. SET POP OFF @ 3825 #. BROKE DOWN FORMATION @ 4 BPM @ 2673 #. DROPPED 24 BALL SEALERS IN 1000 GALS 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 36 BALL SEALERS @ 15 BPM @ 1870 #. A TOTAL OF 60 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3368 #. RU BLUE JET. RIH W/ JUNK BASKET RETRIEVED 60 BALL SEALERS. PUMPED PRE PAD @ 33 BPM @ 3628 #. STEPPED DOWN RATE TO 27 BPM @ 2682 #. STEPPED DOWN RATE TO 21 BPM @ 2148 #. STEPPED DOWN RATE TO 14 BPM @ 1662 #. ISIP 1029 #. 5 MIN 748 #. 10 MIN 571 #. 15 MIN 382 #. 20 MIN 226 #. 25 MIN 140 #. 30 MIN 58 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1g/mg FR, 50,160 # 20/40 SUPER LC SAND & 2491 BBLS FLUID. AVG RATE 52 BPM. AVG PRESSURE 3067 #. MAX PRESSURE 3677 #. MAX SAND CONS .80 # PER GAL. ISIP 1793 #. FRAC GRADIENT .57. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5760' TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE POINT LOOKOUT. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED THE 5568' - 5596' W/ 1/2 SPF, 5620' - 5650' W/ 1/2 SPF 5678' - 5684' W/ 1/2 SPF. A TOTAL OF 32 HOLES. SWI. (SSM)
2/13/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. BALL OFF POINT LOOKOUT. TESTED LINES TO 5042 #. SET POP OFF @ 3880 #. BROKE DOWN FORMATION @ 6 BPM @ 2300 #. DROPPED 20 BALL SEALERS @ 1 BALL PER BB & 2 BALLS FOR THE REMAINING 18 BALL SEALERS @ 25 BPM @ 487 #. A TOTAL OF 38 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 2450 #. RU BLUE JET. RIH W/ JUNK BASKET RETRIEVED 38 BALLS. OVER PRESSURED CSG WHEN DOING BALL OFF. RIH W 4 1/2 " RBP ON WIRELINE. SET RBP @ 5450'. PRESSURED TESTED 4 1/2" CSG TO 4300 # FOR 15 MIN. HELD OK. BLEED PRESSURE OFF. RIH W/ ON & OFF TOOL ON WIRELINE OPENED UP BYPASS ON RBP. WAITED ON WELL TO EQUALIZE. ATTEMPTED TO PULL RBP ON WIRELINE. WOULD NOT RELEASE. SWION.
2/19/2003 00:00	HELD SAFETY MTG. SICP= VACCUM. ROAD FROM # 164M. SPOT UNIT. WAIT FOR EQUIPMENT TO ARRIVE ON LOCATION. RU UNIT AND EQUIPMENT. ND FRAC STACK, NU BOP, AND STRIPPER HEAD. RU HAND RAILS ON FLOAT. PULL THREAD PROTECTORS AND TALLY FIRST ROW TBG. SECURE WELL AND SDFN. AWS.
2/20/2003 00:00	HELD SAFETY MTG. SICP= VACCUM. ND FRAC STACK, NU BOP. MU AND TIH PICKING UP W/3 7/8" BAKER OVER SHOT W/2 1/16" BASKET GRAPPLE AND 171 JTS 2 3/8" TBG. TAG PLUG @ 5380'. LATCH ONTO PLUG. POOH STANDING BACK W/171 JTS 2 3/8" TBG. AND LD OVERSHOT AND PLUG. SICP=0#. ND BOP, NU FRAC STACK. ND FLOOR. RD FLOAT AND MOVE. PREP LOCATION FOR MV FRAC. SECURE WELL AND SDFN. AWS.
2/21/2003 00:00 2/24/2003 00:00	STAND BY.  HELD SAFETY MEETING. RU SCHLUMBERGER. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 5042 #. SET POP OFF @ 3880 #. BROKE DOWN FORMATION @ 6 BPM @ 2300 #. PUMPED PRE PAD @ 33 BPM @ 1149 #. STEPPED DOWN RATE TO 30 BPM @ 838 #. STEPPED DOWN RATE TO 25 BPM @ 444 #. STEPPED DOWN RATE TO 18 BPM @ 119 #. ISIP 0 #. 5 MIN 0 #. FRAC'D THE POINT LOOKOUT W/ 65 Q SLICK WATER FOAM W/ 1 G/MG FR, 100,000 # OF 20/40 BRADY SAND AND TREATED THE LAST15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 1,130,000 SCF N2 & 1327 BBLS FLUID. AVG RATE 41 BPM. AVG PRESSURE 1817 #. MAX PRESSURE 2376 #. MAX SAND CONS 1.5 # PER GAL. ISIP 260 #. FRAC GRADIENT .44. SWI. (SSM).

SAN JUAN 2	28-7 UNIT 186F Initial Completion
	Daily Summary
API/UWI 300392698000 Ground Elevation (ft)	County   State/Province   Surface Legal Location   N/S Dist. (ft)   N/S Ref.   E/W Dist. (ft)   E/W Ref.
6624.00	0   12/13/2002   12/21/2002   36° 39' 16.5384" N   107° 31' 31.5588" W
Start Date	Ops This Rpt
2/24/2003 00:00	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5280'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CLIFFHOUSE. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5036'-5050' W/ 1/2 SPF, 5075'-5085' W/ 1/2 SPF, 5112'- 5116' W/ 1/2 SPF, 5128'-5132' W/ 1/2 SPF, 5138' - 5144 W/ 1/2 SPF, 5170'-5190' W/ 1/2 SPF, A TOTAL OF 35 HOLES. RU SCHLUMBERGER. FRAC'D THE CLIFFHOUSE. TESTED LINES TO 4825 #. SET POP-OFF @ 3881 #. BROKE DOWN FORMATION @ 4 BPM @ 3177 #. DROPPED 20 BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR THE REMAINING 22 BALLS SEALERS @ 15 BPM @ 934 #. A TOTAL OF 42 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3550 #. RIH W/ JUNK BASKET AND RETRIEVED 42 BALLS. PUMPED PRE PAD @ 35 BPM @ 1914 #. STEPPED DOWN RATE TO 29 BPM @ 1451 #. STEPPED DOWN RATE TO 23 BPM @ 1181 #. STEPPED DOWN RATE TO 18 BPM @ 920. ISIP 345 #. 5 MIN 0 #. FRAC'D THE CLIFFHOUSE W/ 65 Q SLICK WATER FOAM W/ 1 G/MG FR, 100,000 # 20/40 BRADY SAND, TREATED THE LAST 15% OF PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 1,275,000 SCF N2 & 1350 BBLS FLUID. AVG RATE 50 BPM. AVG PRESSURE 2750 #. MAX PRESSURE 3255 #. MAX SAND CONS 1.5 # PER GAL. ISIP 2100 #. FRAC GRADIENT .51. SWI. RD SCHLUMBERGER. (SSM).
2/25/2003 00:00	HELD SAFETY MTG. SICP=1400#. RU BLOW LINE W/ 1/4" CHOKE. BLEED CSG. DOWN. KILL CSG. RD FRAC STACK, RU BOP W/ PLUGGED HANGER, RU BLEWIE LINES. RU GAS COMPRESSORS, METER RUN AND SLUG CATCHER. RU WOOD GROUP PRESSURE TES UNIT. TEST PIPE RAMS @ 250# LOW AND 5000# HIGH FOR 15 MIN EA. TEST WAS GOOD. REPEAT TEST ON BLIND RAMS AND BLINDS WOULD NOT TEST.CALLED FOR NEW BLIND RAMS.SECURE WELL AND SDFN. AWS.
2/26/2003 00:00	HELD SAFETY MTG. SICP=750#. R&R BLIND RAMS. RU WOOD GROUP PRESSURE TEST UNIT. TEST BLINDS @ 250# LOW AND 5000# HIGH. HELD EACH TEST 15 MIN. TEST WAS GOOD. MU AND TIH W/ WS 3 7/8" MILL CHECK AND 86 JTS 2 3/8" TBG. BUILD GAS AND UNLOAD HOLE @ 2700'. RETURNING HEAVY FLUID AND MEDIUM SAND. LET BLOW FOR REMAINDER OF DAY. SLOWED TO MED FLUID AND LIGHT SAND W/ TRACES OF PROP NET IN SAND. ( STILL CLEANING OUT PIPE, NOT COMING FROM FORMATION). SECURE WELL AND SDFN. AWS.
2/27/2003 00:00	HELD SAFETY MTG. SICP=780#. BLEED CSG. DOWN. TIH W/ 77 JTS 2 3/8". TAGG FILL @ 7160'. BREAK CIRCULATION W/ GAS. UNLOAD WELL @ 1150#. RETURNING HEAVY FLUID AND 3-4 CUPS SAND PER 5 GAL. CIRCULATE TILL SAND SLOWED TO 1-2 CUPS. PU 2 JTS TBG. BREAK CIRCULATION. WELL TRIED TO LOG OFF. C/O TO 5225'. CIRCULATE REMAINDER OF DAY. WELL STILL RETURNING MED FLUID AND 1-2 CUPS SAND PER 5 GAL. NO SIGN OFF PROPNET FIBERS IN SAND. TOT. ESTIMATE OF FLUID RETURNED IS 300 BBL AND 1000# 20/40 BRADY SAND. POOH W/ 10 JTS TBG, TO GET ABOVE PERFS. SECURE WELL AND SDFN. AWS.
2/28/2003 00:00	HELD SAFETY MTG. SICP=920#. BLEED CSG. DOWN .IH W/ 10 JTS 2 3/8" TBG. TAG FILL @ 5241'. BREAK CIRCULATION W/ GAS. UNLOAD WELL. RETURNING MED FLUID W/ HEAVY TO MED FOAM AND 4 CUPS PER 5 GAL SAND. NO SIGN OF PROP-NET IN SAND. C/O TO 5237'.W/1 JT. CIRCULATE FOR REMAINDER OF DAY. RETURNING MED FLUID, HEAVY FOAM AND 2-3 CUPS SAND PER 5 GAL. POOH W/ 10 JTS 2 3/8" TBG. SECURE WELLAND SDFN. AWS.
	GAS COMP RAN 7 HRS X 41 MCFPD
3/3/2003 00:00	HELD SAFETY MTG. SICP=750#. BLEED CSG DOWN. TIH W/ 10 JTS. 2 3/8" TBG. TAG FILL @ 5267'. ( 6' FILL OVER WEEK END ),BREAK CIRCULATION W/ GAS. AND UNLOAD WELL. RETURNING LIGHT TO MED FLUID W/ MED FOAM. 1 CUP PER 5 GAL SAND. PU SWIVEL AND C/O TO PLUG W/ 1 JT. TBG. DRILL TOP OFF OF CBP. MILL QUIT DRILLING AFTER 45 MIN. POOH W/ 167 JTS 2 3/8" TBG. AND LD WS 3 7/8" MILL/CHECK. MU AND TIH W/ 3 7/8" JUNK MILL, BIT SUB W/ FLOAT AND 160 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.
3.	6 HRS RUN TIME ON GAS COMPRESSORS
3/4/2003 00:00	HELD SAFETY MTG. SICP=780# BLEED CSG. DOWN. TIH W/ 7 JTS 2 3/8" TBG. AND TAGGED NO FILL. PU SWIVEL AND CONTINUE DRILLING CBP. TIH W/ 15 JTS 2 3/8" TBG. AND TAGGED FILL @ 5740'. BREAK CIRCULATION W/ GAS AND UNLOAD WELL. RETURNING LIGHT FLUID AND 1-2 CUPS SAND PER 5 GAL. CLEAN OUT TO 5771' W/1 JT. CIRCULATE CLEAN. POOH W/ 26 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.
	7 HRS COMP RUN TIME

SAN JUAN :	28-7 UNIT 186F Initial Completion
	Daily Summary
API/UWI 300392698000 Ground Elevation (ft)	County   State/Province   Surface Legal Location   N/S Dist. (ft)   N/S Ref.   E/W Dist. (ft)   RIO ARRIBA   NEW MEXICO   NMPM-28N-7W-13-N   220.0   S   2300.0   W
6624.0	
Start Date 3/5/2003 00:00	HELD SAFETY MTG. SICP= 740#, BLEED CSG DOWN. TIH W/ 26 JTS 2 3/8" TBG. TAGGED NO FILL. BREAK CIRCULATION W/ GAS , BLOW WELL AROUND. POOH W/ 24 JTS TBG TO 5024'. GET FLOWING UP TBG AND TEST MV ZONE AS FOLLOWS:  MV PERFS- 2 3/8" TBG SET@ 5024'.  TESTED ON 1/2" CHOKE ( COEFICIENT OF 6.6 )  FTP= 340# SICP= 700#  MV PRODUCTION= 2244 MCFPD 5 BWPD 3 BOPD 1 BCPD NO SAND TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. TIH W/ 24 JTS 2 3/8" TBG. BREAK CIRCULATION W/ GAS. RU SWIVEL. DRILL PLUG OVER DK @ 5780'. TIH W/ 5 JTS BLOW WELL AROUND. POOH W/ 26 JTS TBG. SECURE WELL AND SDFN. AWS
3/6/2003 00:00	HELD SAFETY MTG. SICP=920#,, BLEED CSG DOWN. REPAIR VALVES ON GAS COMPRESSOR. (DOWN 3 HRS). TIH W/89 JTS 2 3/8" TBG. TAG FILL @ 7730".(131' FILL) RU SWIVEL. BREAK CIRCULATION W/ GAS. UNLOAD WELL. C/O TO PBTD OF 7861' W/5 JTS. CIRCULATE CLEAN. WELL RETURNING LIGHT FLUID AND LIGHT SAND. POOH W/11 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.
3/7/2003 00:00	HELD SAFEY MTG. SICP= 940#. BLEED CSG. DOWN. TIH W/ 11 JTS 2 3/8" TBG. AND TAGGED NO FILL. POOH W/ 11 JTS TO 7521' W/ KB. GET FLOWING UP TBG AND ACHIVE DHC TEST. ( FOR ENGINEERING PURPOSE ONLY, NOT FOR ALLOCATION. WILL SET PKR BETWEEN DK AND MV FOR ALLOCATION.) TEST IS AS FOLLOWS:  DK PERFS - 7632'- 7806'  MV PERFS - 5036' - 5684' 2 3/8" TBG SET@ 7521' W/KB TESTED ON 1/2" CHOKE. COEFICIENT OF 6.6  FTP= 660# SICP=900# DHC PRODUCTION = 4356 MCFPD 5 BWPD 2 BOPD 1 BCPD NO SAND TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.  TIH W/ 11 JTS 2 3/8" TBG. TAGGED FILL @ 7851' BREAK CIRCULATION W/ GAS. C/O TO PBTD OF 7861'. CIRCULATE
	REMAINDER OF DAY. RETURNING SLIGHT TRACE OF SAND. WILL TRY TO ISOLATE ZONES W/ PKR ON MONDAY. POOH W/ 11 JTS TBG. SECURE WELL AND SDFWE. AWS
3/10/2003 00:00	HELD SAFETY MTG. SICP= 940# BLEED CSG. DOWN. TIH W/ 11 JTS 2 3/8" TBG. TAGGED NO FILL. WELL BLOWING SAND OUT BLOOIE LINE. BAKER PKR HAND CHECKED SAND AND ADVISED NOT TO RUN PKR TILL WELL BORE IS CLEANER. CIRCULATE CLEAN REMAINDER OF DAY. NO SAND BY 4:00 PM. POOH W/ 94 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.
3/11/2003 00:00	HELD SAFETY MTG. SICP= 950# BLEED CSG. DOWN. TOOH W/ 104 JTS 2 3/8" TBG. KILL CSG. CONTINUE TO POOH W/ 52 JTS TBG AND LD 3 7/8" JUNK MILL. MU AND TIH W/ BAKER 4.5" RETRIVOMATIC PKR AND 238 JTS 2 3/8" TBG. SET PKR @ 7529'. GET FLOWING UP TBG AND TEST DAKOTA ZONE AS FOLLOWS:  DK PERFS- 7632'-7806' 2 3/8" TBG. W/ PKR SET@ 7529' KB  TESTED ON 1/2" CHOKE ( COEFICIENT OF 6.6 )  FTP= 430#  SICP=720#  DK PRODUCTION= 2838 MCFPD 5 BWPD 0 BOPD 0 BOPD TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES  RELEASE PKR. POOH W/ 238 JTS. TBG. AND LD TBG. VALVE AND PKP. MILLAND TIH W/ 2 3/6" EXPENDABLE CHECK. 4 784
	RELEASE PKR. POOH W/ 238 JTS TBG. AND LD TBG. VALVE AND PKR. MU AND TIH W/ 2 3/8" EXPENDABLE CHECK, 1.781 BAKER F NIPPLE AND 156 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.

API/UWI 800392698000 Ground Elevation (ft) 6624.0	County RIO ARRIBA Spud Date 12/1	State/Province NEW MEXICO Rig Release	Surface Legal Location   NMPM-28N-7W-13-N   Latitude (DMS)   36° 39' 16.5384"		N/S Ref.   E/W Dist. (ft)   E/W Ref.   2300.0   W   O7° 31' 31.5588" W
Start Date 3/12/2003 00:00	CIRCULATION W/ C NIPPLE, ON SAND DROP BALL. PRES PRESSURE UP ON	SAS AND C/O TO PBT LINE. MU TBG. HANG SURE UP TO 1000# A	ER AND LAND TBG @ 7655 ND HOLD FOR 15 MIN. TES D COULD NOT PUMP OUT.	EAN. POOH W/ 6 JTS 1 ' KB. ND BOP,NU PRO T WAS GOOD. WITNE:	IBG. RUN 1.901 DRIFT TO F DUCION VALVE. PUMP 3 BBL K
3/13/2003 00:00	CHECK AND 8" TBC @ 7851'. BREAK CI ND BOP NU PRODI FOR 15 MIN. PSI H	3 WAS PLUGGED. MU RCULATION W/ GAS JCTION VALVE. PUM ELD GOOD. PRESSUI	J AND TIH W/ EXP CK, F NIP AND CLEAN OUT TO PBTD : P 5 BBL PAD,DROP BALL AI	PLE AND 247 JS 2 3/8 OF 7861'. POOH W/6 ND PRESSURE UP TO OUT CHECK. LET WE	PLE AND EXPENDABLE CK. "TBG. DRIFTING AS TIH. TAG F JTS AND LAND TBG. @ 7655' KI 1000# W/GAS. HOLD ON TBG. ELL UP TBG. TO ENSURE CK W ODUCTION. AWS.