Form 3160-4 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

Lease Serial No.

WELL	COMPL	FTION	OR RE	COMPL	+110M	REPORT	ANI)	1 ()(4

											N	MSF07899	98	
la. Type of	Well	Oil Well	_			Other			·····		6. If	Indian, Allo	ttee or	Tribe Name
b. Type of	Completion	Othe		□ Work Ov	rer 🗖	Deepen	□ Plug	; Back	Diff. I	Resvr.	N	MNM7842	3A	ent Name and No.
	COPHILLIPS				Contact:		borah.m	narberry	Х		⋈⋌ૠ	ase Name a AN JUAN Well No.	nd We 32-7 L	II No. JNIT 231A
3. Address	5525 HIG FARMING					3a. I Ph:	Phone No 832.486	o. (in <b>gKos</b> k 3.23 <b>26</b>	e area code	N 2002	•	Well No.	30-04	5-31319-00-S1
	of Well (Re	ort locati	on clearly an 7W Mer NM	!P		ederal requ	irements	)* /	125.4		IO. I	teld and Po		Exploratory ID COAL
At surfa			NL 1205FW	L 36.90333	N Lat, 10	7.59830 V	V Lon	33		MS. DI 31. 3	<b>1</b> 1. S	T., R.,	M., or	Block and Survey 31N R7W Mer NMP
At top p	rod interval i	eported be	elow					The State of	2.	77. <b>3</b>	12.5	Sunty or Pa	arish	13. State
At total								¥	۔ دوحی		7 Y	AN JUAN		NM
14. Date Sp 04/23/2				ite T.D. Read /26/2003	ched		6. Date □ D & 05/10	Complete A 6/2003	Ready to	5757 CC	997. E		DF, KE 11 GL	3, RT, GL)*
18. Total D	epth:	MD TVD	3596	19.	Plug Back		MD TVD	35			th Bri	dge Plug Se		MD IVD
21. Type E	lectric & Oth	er Mechai	nical Logs Ri	un (Submit c	opy of eac	h)	-			well cored DST run?	?	<b>-</b>	<b>-</b>	(Submit analysis) (Submit analysis)
										ctional Sur	vey?	No (	⊒ Yes <b>X</b> Yes	(Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings	set in well)										
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Bottom (MD)		ementer pth		of Sks. & of Cement	Slurry (BB		Cement 7	Cop*-	Amount Pulled
12.250	9.6	25 H-40	32.0	0	2	231			16	160			0	
7.875	5.5	500 J-55	17.0	0	35	91	685		5	0		0		
	<u> </u>		\		<del> </del> -									
	<del> </del> _				<del> </del>	<del></del>				-				<del></del>
<del></del>	ļ <u>-</u>				<b></b>					+				
24. Tubing												<del></del>		
	Depth Set (N		acker Depth	(MD) S	ize De	pth Set (M	D) P	acker Dep	pth (MD)	Size	De	pth Set (MI	D)	Packer Depth (MD)
2.375 25. Produci		3452				26. Perforat	ion Reco	ord			<u> </u>			
	ormation		Тор	Во	ottom	Pe	rforated	Interval	Т	Size	IN	lo. Holes	Γ	Perf. Status
A) FF	RUITLAND (	COAL		3186	3382			3186 TO 3198		0.7	0.750 30 OPEN			
В)								3370 T	O 3382	3382 0.75		750 48 OPEN		V
C)				_						<del></del>				
D) 27. Acid. Fr	racture, Treat	ment. Cer	ment Squeeze	E. Etc										
	Depth Interv		The squeeze				A	mount and	d Type of	Material				
	31	86 TO 31	198 FRAC W	1/20# DELTA	FRAC 140	wwcsw					BBLS	LUID		
	33	70 TO 3	382 FRAC W	//203 DELTA	FRAC 140	wwcsw	60,000#	20/40 SAN	ND & 929 E	BBLS FLUI	)			
	<del> </del>				·	<del></del>								
28. Product	ion - Interval	Α												
Date First	Test	Hours	Test	Oil	Gas	Water	Oil G		Gas		Producti	on Method		
Produced 05/28/2003	Date 05/14/2003	Tested 24	Production	BBL 0.0	MCF 250.0	BBL 200.0	Corr.	API	Gravi	ty		FLOW	/S FRC	OM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:C	Pil	Well	Status				<u> </u>
Size 1/2	Flwg. SI	Press. 40.0	Rate	BBL 0	MCF 250	BBL 200	Ratio			PGW		ACCE	PTFr	FOR RECUM-
28a. Produc	tion - Interva	al B				<del></del> -								- A-88 888 (*******************************
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr.		Gas Gravi	ty	Producti	on Method	UN	0 5 2003
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:O Ratio	oil .	Well	Status		Anm	Marc	H PIELU UFFICE
(Sag Instruct	L				aida)								$\leq$	<u> </u>

	uction - Interv	aic												
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production Method	<del></del>	**		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	[	Gravity					
Choke	Tbg. Press	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	1	Well Status					
Size	Flwg. SI	Press.	Kate	BBL	Mer	BBL	Katio							
28c. Produ	uction - Interv	al D	<u> </u>											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method				
		<u> </u>												
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status	l Status				
29. Dispos	sition of Gas(S	Sold, used	for fuel, veni	ed, etc.)	<u> </u>									
	nary of Porous	Zones (Inc	clude Aquife	rs):					31. For	mation (Log) Mar	kers			
tests, i	all important including dept	zones of po h interval	prosity and contested, cushing	ontents thereon used, tim	eof: Cored in tool open,	ntervals and flowing and	all drill-sten	n ssures						
	Formation		Тор	Bottom		Description	ns, Contents	, etc.		Name		Top Meas. Depth		
SAN JOSE NACIMIEN		<u> </u>	0 840	840 2243	1		<del></del>			CIMIENTO	······	1106 2261		
OJO ALAN			2243	2341					KIR	KIRTLAND 2361				
										UITLAND TURED CLIFFS	3	2996 3396		
				1										
				l	1									
		ļ		ļ	- 1		•							
					1									
				į					ļ					
				<u> </u>										
32. Additi This v	ional remarks well is a singl	(include pl e produci	lugging proc ng from the	edure): Basin Frui	tland Coal	. Attached	are the dail	ly	-	·				
	naries and a							•		ř				
33. Circle	enclosed atta	chments:							<del></del> -	<u>.</u>				
	ectrical/Mecha		(1 full set re	q'd.)		2. Geologic	Report		3. DST Rep	oort	4. Direction	nal Survey		
5. Sur	ndry Notice fo	r plugging	and cement	verification		6. Core An	alysis		7 Other:			•		
34. Therel	by certify that	the forego								records (see atta	ched instructi	ons):		
			Elect	ronic Subm For CON	ission #227	33 Verified	by the BLM IPANY, ser	M Well Inf	formation Sys	stem.				
			Committed	to AFMSS	for proces	sing by Adı	ienne Garci	ia on 06/0	5/2003 (03AX	(G1320SE)				
Name	(please print)	DEBORA	H MARBEI	RRY	-		—— Tit	le SUBMI	TTING CON	TACT				
Signat	ture	(Electron	ic Submissi	on)			Da	Date 06/04/2003						
Title 18 U	J.S.C. Section ited States any	1001 and	Title 43 ILS	C. Section	212. make	it a crime fo	r any person	knowingly	and willfully	to make to any d	enartment or	agency		

#### **END OF WELL SCHEMATIC**

## ConocoPhillips

TD Date :

Well Name: SAN JUAN 32-7 UNIT # 231A	Spud Date:	23-Apr-03	TD Da	ate: 26-Apr-03
<b>API #</b> : 30-045-31319	Spud Time:	0000 HRS	Rig Release Da	ate: 27-Apr-03
Surface Casing Date set: 23-Apr-03 Size 95/8 in Set at 231 ft # Jnts: 5	7 1/16" 5M x 2 11" 3M x 7	1/16" 5M Tree Ad 1/16" 5M Tubing 0 x 11" 3M Casing	dapter/Cap Spool	23-Apr-03 at w/2% S001 and
Wt.         32.3         ppf         Grade         H-40           Hole Size         12 1/4         in           Wash Out         100         %           Est. T.O.C.         SURFACE         Csg Shoe           TD of surface         TD of surface    Notified BLM @ Unknown on 4/21/2003			cuft/sx.  Displacement vol. & fluid.:  Bumped Plug at:  Pressure Plug bumped:  Returns during job:  CMT Returns to surface:  Floats Held:  W.O.C. for 13.5 hrs (plus	15.0 BBLS 1400 HRS 280 PSI YES 13.0 YesNo
Production Casing         Date set:         27-Apr-03           Size         5 1/2         in           Wt.         17         ppf         Grade         J-55         from           Hole Size         7 7/8         in         # Jnts:	X New Used 12 to 3591	ft	Cement Date cmt'd: 27	
Wash Out:150% # Pups Est. T.O.C. SURFACE Marker Jnt @2895ft	1		Lead: 505 sx Class G Cm 0.2% D046, 5 pps F 0.25 pps D029, 0.0 Mixed @ 11.7 ppg Tail: 180 sx 50/50/G/Poz 2.5 pps Phenoseal, 2% S001, 0.25 pps D046. Mixed @ 13.	Phenoseal 5 gps D047 g & 2.61 cuft/sx z w/5.0 pps D024, 0.25, 2% D020, D029 & 0.1%
Notified BLM @ 2059 hrs on 4/25/2003  Notified NMOCD @ 2100 hrs 4/25/2003 C	FC <u>3544</u> to ssg Shoe <u>3591</u> to Ti	of 3,596 ft	Displacement vol. & fluid.:  Bumped Plug at:  Pressure Plug bumped:  Returns during job:  CMT Returns to surface:  Floats Held:	82.2 BBLS. FW 0847 HOURS 1500 PSI YES 60 BBLS.
COMMENTS: Surface: NO FLOAT EQUIPMENT RAN. SHUT- Production: PORTED COLLAR IN CLOSED POSIT				SSED BY BLM.
CENTRALIZERS: Surface: CENTRALZERS @ 221', 143', 100' & 5				Total: 4
Production: CENTRALZERS @ 3581', 3499', 3409' TURBOLIZERS @ 2400', 2355' & 2310	', 3319', 3229', 313	9' & 219'		Total: 10

# **Operations Summary Report**

Legal Well Name: SAN JUAN 32-7 UNIT FRUITLA 000231A Common Well Name: SAN JUAN 32-7 FRUITLAND #231A UNIT

**Event Name:** Contractor Name: Original Completion **KEY FOUR CORNERS** 

Spud Date: 04/23/2003

End: 03/28/2003

Rig Name:

**KEY ENERGY** 

Rig Release: Rig Number: 63 Group:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
05/04/2003	05:00 - 06:30 06:30 - 07:30	1	CM CM	q q	80CMPL 80CMPL	HELD SAFETY MEETING. RU BLUE JET. PERFORATE THE LOWER FRUITLAND COAL. RIH w/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM
						3370'-3382' W/ 4SPF. A TOTAL OF 48 HOLES. RU HALLIBURTON. TESTED LINES TO 5000#. SET POP OFF @4316#. PUMPED PRE PAD W/ 10# POLYMER @ 20bpm @2699#. STEPPED DOWN RATE TO 14bpm @2528#. STEPPED DOWN RATE TO 9bpm #2364. STEPPED DOWN RATE TO 4 bpm @2127#. ISIP 1967#, 5 MIN-1234#,
	07:30 - 08:30	1.00	СМ	q	80CMPL	10 MIN-1078#, 15 MIN-885#.  TESTED LINES TO 5000#. SET POP OFF @4316#. PUMPED PRE PAD W/ 10# POLYMER @ 20bpm @2699#. STEPPED DOWN RATE TO 14bpm @2528#. STEPPED DOWN RATE TO 9bpm 2364#.  STEPPED DOWN RATE TO 4 bpm @2127#. ISIP 1967#, 5 MIN-1234#,
	08:30 - 10:00	1.50	СМ	q	80CMPL	10 MIN-1078#, 15 MIN-885#.  1ST STAGE. FRAC THE LOWER FRUITLAND COAL w/203 DELTA FRAC 140 w/WCSW 60,000#, 2040 BRADY SAND & 929 BBLS OF FLUID. AVG RATE 20bpm. AVG PRESSURE 2360#. MAX PRESSURE
	10.00 11.00				2001151	3000#. MAX SAND CONS 5 # PER GAL. ISIP 1908#. FRAC GRADIENT 1.02. RAN 3 ISOTOPES. RAN SCADIUM IN PAD. RAN ANTIMONY IN THE 1#, 2# & 3# SAND. RAND IRRIDUM IN THE 4# & 5# SAND.
	10:00 - 11:00	1.00	СМ	q	80CMPL	SET PLUG AND PERFORATE THE UPPER FRUITLAND COAL.RIH w/5 1/2" COMPOSITE PLUG. SET PLUG @3280'. TESTED PLUG TO 4800#. HELD OK. PERFORATED THE UPPER FC. RIH w/3 1/8' w/1 SPF, 3186 - 3198 w/ 1 SPF. TOTAL OF 30 HOLES. FRAC UPPER FC.
	11:00 - 12:00	1.00	СМ	q	80CMPL	TEST LINES TO 5000#. SET POP OFF @4386#.
	12:00 - 12:30	0.50	СМ	q	80CMPL	ACID AND BALL OFF. DROPPED 24 BALL SEALERS IN 1000 GAL OF 10% FORMIC ACID @1 BALL PER BBL @ 11 BPM @ 1945#. GOOD BALL ACTION. BALLED OFF @ 3265#. RIH w/ JUNK BASKET. RETRIEVED 22 BALL SEALERS. RD BLUE JET.
	12:30 - 14:30	2.00	СМ	q	80CMPL	2ND STAGE. PUMP PRE PAD w/ 10# POLYMER @ 35 bpm @3269#. STEPPED DOWN RATE TO 28 bpm @2332#. STEPPED DOWN RATE TO 19 bpm @ 1735#. STEPPED DOWN RATE TO 11 bpm 1276#. STEPPED DOWN RATE TO 6 BPM @ 895#. ISIP 517#, 5 MIN -0#. FRAC THE UPPER FC w/ 20# DELTA FRAC 140 w/ WCSW, 150,000# 20/40 BRADY SAND & 1597 BBLS FLUID. AVG RATE 42 bpm. AVG PRESSURE 2662#. MAX PRESSURE 3015#. MAX SAND CONS 5# PER GAL. ISIP 1417#. FRAC GRADIENT.60. RAN 3 ISOTOPES. RAN SCADIUM IN PAD. RAN ANTIMONY IN THE 1#, 2# & 3# SAND. RAN
	14:30 - 16:00	1 50	СМ	0	80CMPL	IRRIDUM IN THE 4# & 5# RD HALLIBURTION FRAC EQUIPMENT. SWI.
05/09/2003	07:00 - 07:30	0.50		q	00MMIR	HOLD SAFETY MEETING WITH ALL PERSONNEL
	07:30 - 10:00	2.50	MV	1	00MMIR	RIG DOWN SERVICE UNIT (SAN JUAN 32-7 #209 A) WAIT ON TRUCKS
	10:00 - 12:00	}	MV	1	00MMIR	MOVE IN AND RIG UP SERVICE UNIT AND RELATED EQUIPMENT
	12:00 - 13:00		СМ	1	80CMPL	SICP = 20 PSI BLOW WELL DOWN, PUMP 20 BBLS 2% KCL WATER TO INSURE WELL IS DEAD
	13:00 - 14:00		CM	е	80CMPL	NIPPLE DOWN FRAC TREE
	14:00 - 15:00 15:00 - 16:00	1.00	WC	e 8	80CMPL 80CMPL	NIPPLE UP BOP EQUIPMENT PRESSURE TEST BOP AS FOLLOWS: TEST PIPE RAMS, BLIND RAMS, KILL LINE AND FLOOR VALVE TO 150 PSI LOW 10 MIN AND 1500 PSI HIGH 10 MIN, ALL TEST GOOD
	16:00 - 17:00	`1.00	СМ	1	80CMPL	PULL TUBING HANGER

Printed: 05/28/2003 8:12:59 AM

# **Operations Summary Report**

Legal Well Name: Common Well Name:

SAN JUAN 32-7 UNIT FRUITLA 000231A

SAN JUAN 32-7 FRUITLAND #231A UNIT Start:

Event Name:

**Original Completion** 

03/28/2003

Spud Date: 04/23/2003 End:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

Rig Name:

**KEY ENERGY** 

Rig Number: 63

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
05/09/2003	16:00 - 17:00	1.00	СМ	1	80CMPL	SECURE WELL, SHUT IN FOR THE NIGHT
05/12/2003	07:00 - 07:30	0.50	CM	c	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	07:30 - 10:00	2.50	Į.	6	80CMPL	LAY BLOOIE LINE, RIG UP AIR MANIFOLD
1	10:00 - 12:00	2.00		2	80CMPL	PICK UP 2-7/8" TUBING
	10.00 - 12.00	2.00	Civi	-	OOOWII E	RIH WITH BIT, TAG FILL AT 3040'
	12:00 - 13:00	1.00	CM	1	80CMPL	UNLOAD HOLE WITH 1050 CFM AIR, 10 BPH MIST, 2 GALS
	12.00 - 13.00	1.00	CIVI	'	BUCIVIFL	
	40.00 40.00	2.00	014		0001401	FOAMER, 1/2 GAL INHIBITOR / 10 BBLS
	13:00 - 16:00	3.00	CIVI	1	80CMPL	CLEAN OUT 242' OF SAND FILL F/3040' - T/3282' (TOP OF CIBP)
						1050 VFM AIR, 10 BPH MIST, 2 GALS FOAMER, 1/2 GAL INHIBITOR /
						10 BBLS
	16:00 - 16:30	0.50		4	80CMPL	POOH TO 3000'
ì	16:30 - 17:00	0.50	1	1	80CMPL	SECURE WELL, SHUT IN FOR WEEKEND
	07:00 - 07:30	0.50	l	С	80CMPL	HELD SAFTEY MEETING W/ CREW SICP 280#.
+	07:30 - 09:00	1.50	СМ	1	80CMPL	BLOW WELL TO PIT. RIH W/ 4 STANDS 2 7/8" TBG. TAGGED FILL @
						3270' APPROX. 10' FILL. BROKE CIRC. W/ AIR MIST. C/O TO 3280'
						CBP.
	09:00 - 11:45	2.75	CM	1	80CMPL	R AND R PIPE FOR TWO HRS. WELL RETURNING NO SAND. CUT
						MIST. BLOW DRY FOR 45 MINS. WELL RETURNING APPROX. 8 BPH
				ļ		WTR.
ľ	11:45 - 12:00	0.25	СМ	u	80CMPL	PUH TO 3038' TEST UPPER COAL. THUR 1/2" CHOKE.
	12:00 - 13:00	1.00	СМ	u	80CMPL	10# ON CSG. 0# ON TBG. NOTE: FLOAT IN BIT SUB. TESTING WELL
						UP CSG.
	13:00 - 14:00	1.00	СМ	u	80CMPL	10# ON CSG. 0 # ON TBG.
	14:00 - 15:00	1.00		u	80CMPL	10 # ON CSG. 0 # ON TBG.
1	15:00 - 15:30	0.50		1	80CMPL	RIH W/ 4 STANDS TBG. TAG @ 3280' NO FILL. RU SWIVEL. BREAK
į				,	_	CIRC. W/ AIR MIST UNLOADED APPROX. 5 BBLS FLUID.
	15:30 - 16:00	0.50	СМ	1	80CMPL	D/O CBP @ 3280'
	16:00 - 17:30	1.50	СМ	1	80CMPL	PU AND RIH 5 JTS TBG. TAG SAND @ 3445' BROKE CRIC. W/ AIR
						MIST. C/O TO 3544' PBTD. R AND R PIPE. WELL RETURNING LT
					i	SAND AND HVY WTR. APPROX. 30 BPH.
	17:30 - 17:45	0.25	СМ	1	80CMPL	PU TO 3038' SWI. SDFN
	07:00 - 07:30	0.50		c	80CMPL	HELD SAFETY MEETING W/ CREW. SICP 850#
	07:30 - 08:15	0.75		1	80CMPL	BLOW WELL TO PIT THUR 1/2" CHOKE DOWN TO 200#. OPENED
]	07.30 - 00.13	0.73	CIVI	'	BOCIVIFE	WELL THUR FULL 2". BLOW WELL DOWN.
	08:15 - 09:00	0.75	CM	1	80CMPL	TH W/ 8 STANDS TBG. TAG SAND @ 3540' APPROX 4' OF FILL
į'	00.10 - 00.00	0.73	Civi	<b>'</b>	BOCIVIFE	
						OVERNIGHT. BROKE CRIC. W/ AIR MIST. UNLOADED APPROX. 30
1.	09:00 - 11:00	2.00	CM		90CMDI	BBLS WTR. TO PIT.
	09.00 - 11.00	2.00	CIVI	1	80CMPL	C/O 3544' (PBTD) R AND R PIPE. WELL RETURNING NO SAND AND
	11,00 11,20	0.50	CM		0001401	APPROX. 28 BPH WTR.
	11:00 - 11:30	0.50	CM	1	80CMPL	PUH TO 3420' TEST ALL FC PERFS FROM 3236' TO 3382' THUR 1/2"
	44.00 40.00	4.00			0001451	CHOKE
	11:30 - 12:30	1.00	СМ	u	80CMPL	40# ON CSG 0# ON TBG. NOTE: FLOAT IN BIT SUB TESTING WELL
	40.00 40.00				Í	UP CSG.
	12:30 - 13:30	1.00	СМ	u	80CMPL	20# ON CSG. 0 # ON TBG
	12:20 14:20	4.00	CM		OOC NADI	10# 0N CCC 0# 0N TDO
l,	13:30 - 14:30	1.00		u 	80CMPL	10# ON CSG. 0# ON TBG,
	14:30 - 15:00	0.50		u	80CMPL	0# ON CSG. 0# ON TBG.
	15:00 - 17:30	2.50	CIVI	1	80CMPL	TIH W/ 3 STANDS TBG. BROKE CIRC W/ AIR MIST. UNLOADED
		İ				APPROX. 40 BBLS FLUID. R AND R PIPE FOR 2 HRS. WELL
						RETURNING 28 BPH WTR AND NO SAND. FOR 1 ST HR. WTR
						DECLINED TO APPROX. 20 BPH. AND NO SAND 2ND HR.
	17:30 - 18:00	0.50		1	80CMPL	PUH TO 3038' SWI SDFN
		0.50	r*N/I	С	80CMPL	HELD SAFETY MEETING W/ RIG CREW AND PRO-TECHNICS SICP
05/15/2003	07:00 - 07:30	0.50	CIVI	١٢	OOCIVII E	FILLD SAFETT MEETING W/ RIG CREW AND PRO-TECHNICS SICP

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# Operations Summary Report

Legal Well Name:

SAN JUAN 32-7 UNIT FRUITLA 000231A

Common Well Name: SAN JUAN 32-7 FRUITLAND #231A UNIT

**Event Name:** 

**Original Completion** 

Start: 03/28/2003 Spud Date: 04/23/2003

Contractor Name:

**KEY FOUR CORNERS** 

Rig Release:

End: Group:

Rig Name:

**KEY ENERGY** 

Rig Number: 63

Date From - To Hours Subco Phase Code Description of Operations 05/15/2003 07:00 - 07:30 0.50 CM 80CMPL 650# С 07:30 - 08:30 1.00 CM 80CMPL BLOW WELL DOWN THUR 1/2" CHOKE TO 100#. OPENED WELL UP ON 2", BLOW WELL TO PIT. TIH W/ 2 7/8" TBG TAGGED @ 3544' (PBTD) NO NEW FILL OVERNIGHT 08:30 - 10:30 2.00 CM 80CMPL RU PRO-TECHNICS, AND EXPERT DOWN HOLE SLICK LINE, PU AND RIH W/ AFTER FRAC TRACER LOGGING TOOL, LOG FC PERFS FROM 3382' TO 3238' RD EDH AND PROTECHNICS. 10:30 - 11:30 1.00 CM 80CMPL TOOH W/ 55 STANDS 2 7/8" TBG, BIT SUB AND 4 3/4" MT BIT. 11:30 - 12:30 80CMPL 1.00 LUNCH 12:30 - 14:00 80CMPL PU AND RIH W/ HF PURGE VALVE, 1 JT 2 7/8" TBG, 6' 1.50 CM PERFORATED SUB, 2.25 F-NIPPLE. AND 109 JTS 2 7/8" TBG. LAND TBG. F-NIPPLE @ 3414' EOT @ 3452' 14:00 - 14:30 0.50 CM 80CMPL ND BOP'S NU WELLHEAD. DECISION WAS MADE TO RUN PUMP AND RODS DUE TO TEST RESULTS, NOTE: TOTAL FLUID RECOVERED TO DATE IS APPROX, 400 BBLS, TOTAL LOAD WTR TO RECOVER IS APPROX, 2200 BBLS. 14:30 - 15:00 0.50 CM 80CMPL SWI SDFN WO RODS AND PUMP 05/16/2003 07:00 - 07:30 0.50 CM 80CMPL HELD SAFETY MEETING W/ RIG CREW AND ROUSTABUOTS. 07:30 - 08:00 0.50 CM 80CMPL REMOVED TBG FLOAT FROM LOC, SPOTTED RODS AND PUMP. 08:00 - 11:00 3.00 CM 80CMPL PU AND RIH W/ 2 1/2" X 1 1/4" X 10' RHAC INSERT PUMP, PUMP # PPC 99, 1 - 4' X 3/4" PONY ROD, 136 3/4" SUCKER RODS, 1 - 6' X 3/4" PONY ROD AND 22' SPRAY METAL POLISH ROD. 11:00 - 11:30 0.50 CM 80CMPL SEATED PUMP. PUMPED 10 BBLS WTR. LOADED TBG. AND PSI TEST TO 500#. HELD OK REL. PSI. LONG STROKE PUMP. PSI TEST TO 500#. HELD OK. NOTE: WELL MAY NEED TO BE RE-SPACED DUE TO HIGH WELLHEAD. 11:30 - 12:30 80CMPL LUNCH 1.00 12:30 - 13:30 1.00 CM 80CMPL RDMO FINAL REPORT.

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