

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 20001a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other _____

2. Name of Operator
CONOCOPHILLIPS CO.3. Address
P.O. BOX 2197 WL3 4061 HOUSTON TX 772523.a Phone No. (Include area code)
(832) 486-2326

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At Surface 1695' FSL & 1380' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

05/21/2003

15. Date T.D. Reached

05/25/2003

16. Date Completed

☐ D & A ☒ Ready to Prod.
07/03/200318. Total Depth: MD 3820
TVD 382019. Plug Back T.D.: MD 3768
TVD 376820. Depth Bridge Plug Set: MD
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CCL22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625	32.3	0	219		160		0	
7.875	5.5	H40	0	3816		725		0	
		17 J55							

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	3677							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN FRUITLAND	3279	3604	3596 - 3604	.75	32	open
B) COAL			3279 - 3554	.75	36	open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3596 - 3604	frac w/20# delta frac 140 w/75,000# 12/20 sand & 888 bbls fluid
3279 - 3554	frac w/20# delta frac 140 w/175,000# 20/40 sand & 1679 bbls fluid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/16/03	07/01/03	24	→	0	2629	775			flowing
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
pitot	0	1040	→					Pchw	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						SEP 12 2003
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						FARMINGTON FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

NMOCD

5. Lease Serial No.
NMSF 079329

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
31350

8. Lease Name and Well No.

SAN JUAN 32 FED 12 1A

9. API Well No.

30-045-31608

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL11. Sec., T., R., M., on Block and
Survey or Area NESE Sec. 12 32N 9W12. County or Parish
SAN JUAN13. State
NEW MEXICO

17. Elevations (DF, RKB, RT, GL)*

6720 GL

ACCEPTED FOR RECORD

SEP 12 2003

FARMINGTON FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				NACIAMENTO	1311
				OJO ALAMO	2611
				KIRTLAND	2674
				FRUITLAND	3190
				PICTURE CLIFFS	3723

32. Additional remarks (include plugging procedure):

This is a single well producing from the Basin Fruitland Coal. Attached is a wellbore schematic and the daily summaries.

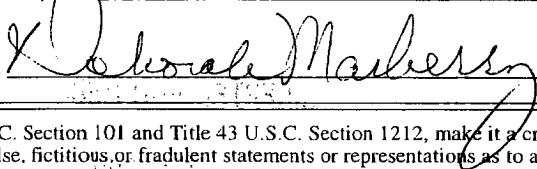
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) DEBORAH MARBERRYTitle REGULATORY ANALYST

Signature



Date

Title 18 U.S.C. Section 101 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 and false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 12 #1 000001A
 Common Well Name: SAN JUAN 32 FED 12 # 1A FRUITLAND
 Event Name: Original Completion Start: 05/19/2003 End: 07/02/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 05/26/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 49

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
05/27/2003	12:00 - 17:00	5.00	CM	b	80CMPL	HELD SAFETY MEETING. RU BLUE JET. RAN GSL LOG FORM 3768' TO 1700'. RAN GR/CCL LOG FROM 3768' TO SURFACE. SWI. RD BLUE JET.
05/31/2003	06:00 - 06:30	0.50	CM	c	80CMPL	Safety meeting
	06:30 - 08:30	2.00	CM	q	80CMPL	Perforated the lower Fruitland coal w/ 3 1/8" 120 deg select fire. perforated from 3596' - 3604' w/ 1 spf. 32 holes.
	08:30 - 11:30	3.00	CM	s	80CMPL	Frac the lower Fruitland Coal. Tested lines to 5090 #. Set pop off @ 4428 #. pumped pre pad w/ 10 # Polymer @ 20 BPM @ 2710 #. SDRT 15 BPM @ 2456 #. SDRT 10 BPM @ 2007 #. SDRT 5 BPM @ 1620. ISIP 1050 #. 5 min 630 #. 10 min 576 #. 15 min 512 #. 20 min 476 #. 25 min 432 #. 30 min 420 #. Frac the lower Fruitland Coal w/ 20 # Delta frac 140 w/ WC SW. 75,000 # 12/20 Brady sand & 888 bbls fluid. Avg rate 15 BPM. Avg pressure 1233 #. Max pressure 2921 #. Max sand cons 6 # per gal. ISIP 1705 #. Frac gradient 1. Ran three Isotopes. Ran Antimony in pad. Ran Scadium in 1#, 2# & 3# sand. Ran Iridium in 4# & 5# & 6# sand.
	11:30 - 13:00	1.50	CM	q	80CMPL	RIH w/ 5 1/2" composite plug. Set plug @ 3570'. Tested plug to 4800 #. Held ok. Perforated the Upper Fruitland Coal. RIH w/ 3 1/8" 120 degree select fire perforating gun. perforated from 3279' - 3282' w/ 1 spf, 3314' - 3317' w/ 1 spf, 3404' - 3415' w/ 1 spf, 3444' - 3447' w/ 1 spf, 3519' - 3524' w/ 1 spf, 3549' - 3554' w/ 1 spf. A total of 36 holes.
06/26/2003	13:00 - 16:30	3.50	CM	s	80CMPL	Frac the Upper Fruitland Coal. Tested lines to 5695 #. Set pop off @ 4145 #. Brok down formation @ 5 BPM @ 956 #. Dropped 29 Ball sealers in 1250 gal of 10% Formic acid @ 1 ball per bbl @ 10 BPM @ 1270 #. balled off @ 2942 #. RIH w/ junk basket. Retrieved 26 balls. Pumped pre pad w/ 10 # Polymer @ 40 BPM @ 2570 #. SDRT 30 BPM @ 2345 #. SDRT 20 BPM @ 1878 #. SDRT 10 BPM @ 1456 #. ISIP 1250 #. 5 min 729 #. 10 min 580 #. 15 min 498 #. 20 min 447 #. Frac the Upper Fruitland Coal w/ 20 # Delta frac 140 w/ WC SW. 175,000 # 20/40 Brady sand. 1679 bbls fluid. Avg rate 45 BPM. Avg pressure 2874 #. Max pressure 3191 #. Max sand cons 6 # per gal. ISIP 1870 #. Frac gradient .80. Ran three Isotopes. Ran Antimony in pad. Ran Scadium in 1#, 2#, & 3#. Ran Iridium in 4#, 5 # & 6#. SWI. RD Halliburton.
	13:30 - 15:30	2.00	MV	1	80CMPL	MI SPOT ALL EQUIPMENT. RU KEY RIG #63. SICP 0#
	15:30 - 16:30	1.00	CM	e	80CMPL	NU BOP'S AND TEST BLIND RAMS TO 250# LOW FOR 10 MINS AND 2800# HIGH FOR 15 MINS. TEST PIPE RAMS 250# LOW FOR 10 MINS AND 2800# HIGH FOR 15 MINS. BOTH HELD OK.
06/27/2003	16:30 - 17:00	0.50	CM	1	80CMPL	SECURE LOC AND WELL. SDFN.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP TSTM (SLIGHT BLOW).
	07:30 - 08:30	1.00	WC	g	80CMPL	ATTEMPT TO PUMP INTO WELL-PRESSURED UP TO 800 PSIG (POSSIBLE BRIDGE IN CASING OR SAND FILL COVERING PERFS) BLEED WELL DOWN & OBSERVE WELL FOR FLOW.
	08:30 - 12:00	3.50	CM	6	80CMPL	RIG UP BLOOIE LINES & GROUND MANIFOLD.
	12:00 - 14:00	2.00	CM	4	80CMPL	MU 4-3/4" TRI-CONE WORKOVER BIT W/ BIT SUB CONTAINING FLOAT VALVE W/ 2-3/8" X 1.81" F NIPPLE RUN 1-JT ABOVE BIT SUB- RABBIT & TALLY A TOTAL OF 109 JTS 2-3/8" TBG IN HOLE & TAG TOP OF FILL @ 3392'KB, ~ 177' OF SAND ABOVE CIBP. UPPER Kfc PERFS F/3279-82', & F/3314-3317'KB WERE UNCOVERED.
	14:00 - 14:15	0.25	WC	8	80CMPL	PT AIR LINES 300, 500, & 1100 PSIG-10 MIN (OK).
	14:15 - 18:45	4.50	CM	5	80CMPL	UNLOAD HOLE & BREAK CIRCULATION W/ AIR MIST-

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 Event Name: Original Completion Start: 05/19/2003 End: 07/02/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 05/26/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 49

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
06/27/2003	14:15 - 18:45	4.50	CM	5	80CMPL	CLEANOUT 177' OF SAND FILL F/3392-3570'KB, CIBP-BLOW WELL TO PIT & RUNNING 3 BBL FOAM SWEEPS.
	18:45 - 19:00	0.25	CM	4	80CMPL	PULL BHA F/3570 - T/3250'KB.
	19:00 - 19:15	0.25	CM	z	80CMPL	SDON.
06/28/2003	07:00 - 07:45	0.75	CM	c	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS-SICP-900 PSIG & SITP -0- PSIG.BLEED WELL DOWN TO PIT.
	07:45 - 08:00	0.25	CM	4	80CMPL	GIH W/ 4-3/4" BHA F/3250' - T/3540'KB.
	08:00 - 14:00	6.00	CM	5	80CMPL	BREAK CIRCULATION W/ AIR MIST-INITIAL UNLOADING PRESSURE @ 1250 PSIG & STABILIZED CIRCULATING PRESSURE @ 550 PSIG -INITIAL FLUID LEVEL @ 1800'KB-
						CIRCULATE DOWN F/3540 - T/3570' CIBP
						RETURNS: LITE AMOUNT OF FRAC SAND & 25 BBLS / HR BROKEN GEL WATER-
						@ 09:30 CIRCULATE WELL W/ 1100 CFM AIR ONLY
						OBTAIN HOURLY WATER RECOVERY RATES
						TIME VOLUME / HR IN BBLS
						11:00 25
						12:00 25
						13:00 25
						14:00 25
	14:00 - 14:30	0.50	CM	4	80CMPL	BLEED OFF AIR & PULL UP BHA F/3570 - T/3250'KB.
	14:30 - 18:30	4.00	CM	u	80CMPL	PERFORM 4 HR UPPER K _{fc} FLOW TEST THRU 1/2" POSITIVE CHOKE-
						TIME FCP -PSIG MCFD/CONSISTENCY FRAC FLUID
						RETURNS: BBLS/HR
						INITIAL 70 438 / WET 25
						15 MIN 200 1252 / WET 25
						30 MIN 220 1377 / WET 19
						45 MIN 300 1878 / WET 19
						1 HR 320 2003 / WET 19
						1.5 HR 320 2003 / WET 19
						2.0 HR 320 2003 / WET 19
						2.5 HR 320 2003 / WET 19
						3.0 HR 315 1972 / WET 19
						4.0 HR 320 2003 / WET 19
						FINAL UPPER K _{fc} FLOW TEST @ 2003 MCFD WET W/ 360 BWPD (LOAD WATER)
						TOTAL FRAC FLUID TO RECOVER UPPER K _{fc} 1547 BBLS
						TOTAL FRAC FLUID RECOVERED TODAY 250 BBLS
						ESTIMATED TOTAL RECOVERED 6-27-2003 200 BBLS
						TOTAL LEFT TO RECOVER 1097 BBLS
07/01/2003	18:30 - 19:00	0.50	CM	z	80CMPL	SDON.
	07:00 - 08:00	1.00	CM	c	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS-SICP-1100 PSIG & SITP -0- PSIG.BLEED WELL DOWN TO PIT ON 1/2" CHOKE-LOGGED OFF IN 30 MINUTES.
	08:00 - 08:30	0.50	CM	4	80CMPL	GIH W/ 4-3/4" BHA F/3250' - T/3570'KB, CIBP (NO FILL).
	08:30 - 09:30	1.00	CM	h	80CMPL	BREAK CIRCULATION W/ 1100 CFM AIR & 12 BPH MIST-INITIAL UNLOADING PRESSURE @ 1325 PSIG & STABILIZED CIRCULATING PRESSURE @ 600 PSIG -INITIAL FLUID LEVEL @ 1750'KB-
						DRILLOUT CIBP @ 3570'KB ~30 MINUTES.

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 Event Name: Original Completion
 Contractor Name: KEY FOUR CORNERS
 Rig Name: KEY ENERGY

Start: 05/19/2003
 Rig Release: 05/26/2003
 Rig Number: 49

Spud Date: 05/21/2003
 End: 07/02/2003
 Group:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
07/01/2003	09:30 - 09:45	0.25	CM	4	80CMPL	CHASE CIBP DEBRIS DOWNHOLE F/3570 - T/3645' ~ 123'FILL- LOWER Kfc PERFS 3596 -3604'KB WERE OPEN.
	09:45 - 15:00	5.25	CM	5	80CMPL	CIRCULATE OUT & CLEANOUT SAND F/3645-3768'TD, PBTD RETURNS: AFTER CLEANING OUT TO3768'KB, PBTD A TRACE AMOUNT OF FRAC SAND & 65 BBLS / HR BROKEN GEL WATER- @ 11:30 CIRCULATE WELL W/ 1100 CFM AIR ONLY OBTAIN HOURLY WATER RECOVERY RATES
						TIME VOLUME / HR IN BBLS
						12:00 65
						13:00 62
						14:00 47
07/01/2003	15:00 - 15:30	0.50	CM	4	80CMPL	BLEED OFF AIR & PULL UP BHA F/3768 - T/3250'KB.
	15:30 - 19:30	4.00	CM	u	80CMPL	PERFORM 4 HR COMBINED Kfc 3279 - 3604'KB FLOW TEST THRU 1/2" POSITIVE CHOKE-
						TIME FCP -PSIG MCFD/CONSISTENCY FRAC FLUID
						RETURNS: BBLS/HR
						INITIAL
						15 MIN 220 1377 / DRY -0-
07/02/2003	19:30 - 19:45	0.25	CM	z	80CMPL	30 MIN 300 1878 / DRY -0-
	08:00 - 09:00	1.00	CM	c	80CMPL	1 HR 450 2817 / WET 36
						2.0 HR 440 2755 / WET 33
	09:00 - 10:15	1.25	CM	4	80CMPL	3.0 HR 420 2629 / WET 32
	10:15 - 14:00	3.75	LG	1	80CMPL	4.0 HR 420 2629 / WET
						28 FINAL Kfc FLOW TEST @ 2629 MCFD WET
07/02/2003	14:00 - 14:30	0.50	WC	g	80CMPL	W/ 775 BWPD (LOAD WATER) IMPACT PRESSURE WAS GREATLY HAMPERED BY THE AMOUNT OF WATER PRODUCED PER HOUR AND ACTUAL GAS (MSCFD) PRODUCTION MAY BE REDUCED UP TO A FACTOR OF "5".
	14:30 - 16:00	1.50	CM	5	80CMPL	TOTAL FRAC FLUID TO RECOVER UPPER Kfc 1547 BBLS TOTAL FRAC FLUID TO RECOVER LOWER Kfc 858 BBLS TOTAL COMBINED LOAD TO RECOVER +2405 BBLS TOTAL FRAC FLUID RECOVERED TODAY -460 +FT BBLS ESTIMATED TOTAL REC 6/26 -6/27-2003 - 450 BBLS TOTAL LOAD LEFT TO RECOVER + 1495 BBLS
						SDON.
						SAFETY MEETING PRIOR TO STARTING OPERATIONS-
						SICP-1200 PSIG & SITP -0- PSIG.BLEED WELL DOWN TO PIT ON 1/2" TO 2" FULLY OPEN LINE-SURGING FLOW OF GAS & WATER.
						GIH W/ 4-3/4" BHA F/3250' - T/3768'KB, PBTD (NO FILL)-COOH W/ 4-3/4" BIT.
07/02/2003						RU SLICKLINE LUBRICATOR W/ PROTECHNICS LOGGING TOOL T/ 10' X 2-3/8" PUP JOINT W/ 2-3/8" TIW VALVE-
						PT LUBRICATOR T/275 PSIG (OK)-
						GIH & PULL GR-TRACER LOG THRU FRACTURE TREATED
						INTERVAL F/3604-T/3279'KB-RD LOGGERS & SLICKLINE.
						BLEED WELL DOWN TO PIT-
						KILL WELL W/ 60 BBLS 2% KCL WATER-
07/02/2003						OBSERVE WELL FOR FLOW (VACUUM).
						GIH W/ 2-3/8" PURGE VALVE (0.85'), W/ 31.36' X 2-3/8" JOINT OF
						TBG, 6.06' X 2-3/8" PERF SUB, W/ 0.85' x 2-3/8" OD X 1.78" ID BAKER
						PROFILE NIPPLE W/ BP, W/ 116 JTS 2-3/8" EUE 8RD 4.7 PPF J-55
						TBG MEASURING (3627.73') & LAND TBG W/ 2-3/8" EUE 8RD X

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 Contractor Name: KEY FOUR CORNERS Rig Release: 05/26/2003 End: 07/02/2003
 Rig Name: KEY ENERGY Rig Number: 49 Group:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
07/02/2003	14:30 - 16:00	1.50	CM	5	80CMPL	7-1/16" TBG HGR CONTAINING A BPV EOT -PURGE VALVE @ 3677'KB PERF SUB 3639-3645'KB FN @ 3638'KB.
	16:00 - 17:00	1.00	WC	e	80CMPL	ND BOPE & NU 3M X 7-1/16" BONNET W/ 2-3/8" EUE 8RD TOP CONNECTION W/ 2-3/8" X 2250 PSIG WP FULL OPENING BALL VALVE. UTILIZE 3M X 5M COMBINATION STUDS & NUTS.
	17:00 - 18:00	1.00	CM	6	80CMPL	RIG UP FLOW LINE.
07/03/2003	18:00 - 18:15	0.25	CM	z	80CMPL	SDON.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- SICP 700 PSIG, & SITP -0- PSIG, & SI BRADENHEAD -0- PSIG (VACUUM).
	07:30 - 09:30	2.00	CM	f	80CMPL	RU B&R SERVICE SLICKLINE- PT LUBRICATOR, 2-3/8" TBG, 2-3/8" FULL OPENING BALLVALVE, 1-1/4" ROD RATAGAN, 2-3/8" PUMPING TEE W/ 2" & 1" OUTLETS W/ BALL VALVES, TO 700 PSIG (OK)- GIH W/ EQUALIZING PROBE(S) & PUNCTURE RUPTURE DISC- FLUID LEVEL @ 1550'- ROUNDRIP & PULL BP IN FN @ 3638'KB- RD SLICKLINE.
	09:30 - 10:00	0.50	WC	g	80CMPL	SICP & SITP 700 PSIG-BLEED WELL DOWN TO PIT-PUMP 10 BBLS OF CLEAN 2% KCL WATER DOWN TBG & OBSERVE WELL FOR FLOW (VACUUM).
	10:00 - 12:00	2.00	WS	2	90WOVR	FUNCTION TEST INSERT PUMP (OK)- GIH W/ 2" X 1 1/4" X 8' X 8'3" X 12'3" RHAC-Z INSERT PUMP W/ 2' PONY ROD AND 144 3/4" NORRIS, TYPE 78, API GRADE "D" RODS, SPACE OUT W/ 8', 4', 4', & 2' PONY RODS, RUN 1 1/4" X 22' POLISHED ROD W/ STUFFING BOX.
	12:00 - 13:00	1.00	WC	9	90WOVR	LOAD TBG W/ 12 BBLS CLEAN 2% KCL WATER- PT STANDING VALVE, TBG, STUFFING BOX T/500 PSIG (OK)- BLEED DOWN PRESSURE- STROKE PUMP AND TEST TRAVELING VALVE T/500 PSIG (OK)- SPACE OUT W/ 66" STICK UP AND PLACE POLISH ROD CLAMP ON STUFFING BOX.
	13:00 - 16:45	3.75	CM	6	80CMPL	RIG DOWN BLOOIE LINES, PADS, & AUXILARY EQUIPMENT.
	16:45 - 17:00	0.25	CM	z	80CMPL	SDON.

Well Name: SAN JUAN 32 FED 12 #1A
API #: 30-045-31608

Spud Date: 21-May-03
Spud Time: 2100 HRS

TD Date: 25-May-03
Rig Release Date: 26-May-03

7 1/16" 5M x 2 1/16" 5M Tree Adapter/Cap
11" 3M x 7 1/16" 5M Tubing Spool
9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 05/22/03
Size 9 5/8 in
Set at 219 ft # Jnts: 7
Wt. 32.3 ppf Grade H-40
Hole Size 12 1/4 in
Wash Out 100 %
Est. T.O.C. SURFACE

Csg Shoe 219 ft
TD of surface 230 ft

Notified BLM @ 0640 hrs
on 5/20/2003
Notified NMOCD @ 0640 hrs
on 5/20/2003

Production Casing Date set: 5/25/03
Size 5 1/2 in
Wt. 17 ppf Grade J-55 from 12 to 3816 ft
Hole Size 7 7/8 in # Jnts: 85
Wash Out: 150 % # Pups 2

Est. T.O.C. SURFACE
Marker Jnt @ 3115 ft
Marker Jnt @ 3124 ft

Notified BLM @ 1059 hrs
on 5/24/2003
Notified NMOCD @ 1103 hrs
on 5/24/2003

FC 3768 ft
Csg Shoe 3816 ft

Mud Wt. @ TD 9.0 ppg

TD 3,820 ft

Surface Cement

Date cmt'd: 5/22/2003
Lead: 160 sx Class G Neat w/2% S001 and
1/4 pps D029 mixed @ 15.8 ppg & 1.16
cuft/sx.
Displacement vol. & fluid.: 15.0 BBLS
Bumped Plug at: 0530 HRS
Pressure Plug bumped: 370 PSI
Returns during job: YES
CMT Returns to surface: 15 BBLS.
Floats Held: Yes No
W.O.C. for 14.0 hrs (plug bump to drlg cmt)

Cement

Date cmt'd: 5/25/2003
Lead: 540 sx Class G Cmt w/3% D079,
0.2% D046, 5 pps Phenoseal and
0.25 pps D029. Mixed @ 11.7 ppg
and 2.61 cuft/sx
Tail: 185 sx 50/50/G/Poz w/5.0 pps D024,
2.5 pps Phenoseal, 2% D020,
2% S001, 0.25 pps D029 & 0.2%
D046. Mixed @ 13.5 ppg & 1.27 cuft/sx
Displacement vol. & fluid.: 87.4 BBLS. FW
Bumped Plug at: 1757 HOURS
Pressure Plug bumped: 2000 PSI
Returns during job: YES
CMT Returns to surface: 77 BBLS.
Floats Held: X Yes No

COMMENTS:

Surface: NO FLOAT EQUIPMENT RAN. SHUT-IN WITH 85 PSI ON CASING.
Production: NONE.

CENTRALIZERS:

Surface: CENTRALZERS @ 209', 160', 101' & 43'. Total: 4
Production: CENTRALZERS @ 3806', 3723', 3632', 3549', 3459', 3370' & 214'.
TURBOLIZERS @ 2714', 2669' & 2624'. Total: 10