

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, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. 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 77252

3.a Phone No. (Include area code)
(832)486-2326

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

At Surface SENE 1834' FNL & 1060' FEL

At top prod. interval reported below

At total depth

14. Date Spudded
06/18/2003

15. Date T.D. Reached
06/25/2003

16. Date Completed
☐ D. & A ☒ Ready to Prod.
08/18/2003

18. Total Depth: MD 8193
TVD 8193

19. Plug Back T.D.: MD 8190
TVD 8190

20. Depth-Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, GR/CCL

22. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625 H40	32.3	0	226		150		0	
8.75	7 J55	20	0	3890		575		0	
6.25	4.5 I80	11.6	0	8193		515		2200	

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	8018							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	8036	8124	8036 - 8124	.75	44	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8036 - 8124	frac w/10,000# 20/40 sand

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
08/21/03	08/18/03	24	→	0	658	0			flowing
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	SI 1200	1200	→					producing	

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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

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

NMOCD

ACCEPTED FOR RECORD

SEP 19 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	1165
				OJO ALAMO	2395
				KIRTLAND	2576
				FRUITLAND	2794
				PICTURE CLIFFS	3011
				CHACRA	4317
				CLIFFHOUSE	4899
				MENEFEE	5089
				POINT LOOKOUT	6815
				GREENHORN	7502
				TWO WELLS	7596

32. Additional remarks (include plugging procedure):

This well is a downhole commingled well producing from the Basin Dakota and Blanco Mesaverde. Attached are the daily summaries and a current wellbore schematic.


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 09/03/2003

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 30-5 DAKOTA UNIT 000029M
 Common Well Name: SAN JUAN 30-5 DAKOTA # 29M UNIT Spud Date: 06/18/2003
 Event Name: Original Completion Start: 06/10/2003 End:
 Contractor Name: KEY FOUR CORNERS Rig Release: 06/27/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 34

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
07/17/2003	06:00 - 06:30	0.50				Held safet meeting.
	06:30 - 08:00	1.50				RU Blue Jet. Perforated the Dakota. RIH w/ 3 1/8" 120 degree select fire perforating gun. Perforated from 8036' - 8046' w/ 1 spf, 8072' - 8082' w/ 1 spf, 8094' - 8102' w/ 1 spf, 8112' - 8124' w/ 1 spf. A total of 44 holes.
	08:00 - 15:00	7.00				RU Schlumberger. Frac the Dakota. Tested lines to 5527 #. Set pop off @ 4500 #. Broke down formation @ 5 BPM @ 2493 #. Pumped pre pad @ 30 BPM @ 4351 #. SDRT 21 BPM @ 3152 #. SDRT 10 BPM @ 2253 #. ISIP 1120 #. 5 min 798 #. 10 min 427 #. 15 min 226 #. 20 min 106 #. 25 min 0 #. Pumped 1000 gals 15% HCL acid ahead on pad. Attempted to pump pad w/ YF 130 XL 65Q N2. Well pressured up @ 25 BPM @ 4389. Could not pump frac due to limited pressure. Displaced N2. Attempted to frac w/ liner foam. Well continued to pressure up. Attempted to frac w/ slickwater. Pumped 10,000 # of 20/40 Super LC sand @ 15 Bpm @ 4210 #. Pop went off prematurely. Went to flushed. Flushed sand away.
07/25/2003	15:00 - 17:00	2.00				RU BLUE JET. Re-perforated the Dakota. RIH w/ 3 1/8" 120 degree select fire perforating gun. Perforated from 8036' - 8046' w/ 1 spf, 8072' - 8082' w/ 1 spf, 8094' - 8102' w/ 1 spf, 8112' - 8124' w/ 1 spf. A total of 44 holes.
	06:00 - 06:30	0.50	CM	c	80CMPL	Held safety meeting.
	06:30 - 08:30	2.00	CM	q	80CMPL	RU BLUE JET. RIH w/ 4 1/2" frac plug. Set plug @ 6000'. tested plug to 4800 #. Held ok. Perforated the Cliffhouse, Menefee and Point Lookout. RNH w/ 3 1/8" 120 degree select fire perforating gun. Perforated from 5604' - 5608' w/ 1/2 spf, 5622' - 5628' w/ 1/2 spf, 5662' - 5664' w/ 1/2 spf, 5672' - 5676' w/ 1/2 spf, 5798' - 5804' w/ 1/2 spf, 5820' - 5828' w/ 1/2 spf, 5846' - 5852' w/ 1/2 spf, 5898' - 5906' w/ 1/2 spf. A total of 30 holes.
08/12/2003	08:30 - 14:00	5.50	CM	s	80CMPL	RU Schlumberger. Frac the Cliffhouse, Menefee and Point Lookout. Tested lines to 5350 #. Set pop off @ 4515 #. Brok down formation @ 5 BPM @ 3446 #. Dropped 30 ball sealers in 1250 gals of 15% HCL acid @ 1 ball per bbl @ 15 BPM @ 1493 #. good ball action. Balled off @ 4218 #. RIH w/ junk basket. retrived 30 ball sealers. Pumped pre pad @ 36 BPM @ 2350 #. SDRT 30 BPM @ 1855 #. SDRT 25 BPM @ 1501 #. SDRT 20 BPM @ 1241 #. ISIP 685 #. Frac THE MV w/ 65 Q Slick Foam w/ 0.5 g/mg FR. 150,000 # of 20/40 Brady sand. Treated the last 15% of total proppant volume with propnet for proppant flowback control. 1621 bbls fluid. 2281.1 Msdf N2. Avg rate 55 BPM. Avg psi 3587. Max psi 4130. Max sand cons 1.5 # per gal. ISIP 3321 #. Frac gradient .56.
	07:30 - 08:00	0.50	WS	c	80CMPL	SWI. RD Schlumberger.
	08:00 - 12:00	4.00	MV	t	80CMPL	JSA, TALK WITH CREW AND TRUCKING ABOUT MOVE.
						CREW FINISHED PUTTING WINCH ON RIG, LOAD UP TRUCKING, TAIL ROAD EQUIPENT, TO NEW LOCATION, DUE TO ROAD CONDITIONS AND DISTANCE (STEEP HILL AN ABOUT ONE MILE) BEFORE MOVING ON NEW LOCATION, RAN GAS DETECTOR ON LOCATION, FOUN D NO GAS LEAK. SPOT IN EQUIPMENT. SPOT IN RIG,
	12:00 - 13:00	1.00	MV	6	80CMPL	RIG UP RIG AND EQUIPMENT,
	13:00 - 14:00	1.00	WS	6	80CMPL	RIG UP FLOW BACK LINES TO PIT, TEST LINE TO 1000#, OKAY, BLOW DOWN, RU 1/2" CHOKE, SICP 1200#,
	14:00 - 14:30	0.50	WS	g	80CMPL	START FLOW BACK, PRESS. DOWN TO 1000#. (N2)
	14:30 - 15:30	1.00	WS	g	80CMPL	PRESS. DOWN TO 350# ON 1/2" CHOKE NIPPLE, WELL FLOWING BACK LOTS OF FRAC FLUIDS AND N2, NO SAND. RIG CREW CHANGE OUT BOP.
	15:30 - 16:30	1.00	WS	g	80CMPL	PRESS. AT 400# , LOTS OF FRAC FLUIDS AND N2. RU AIR UNIT.

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 DAKOTA UNIT 000029M
 Common Well Name: SAN JUAN 30-5 DAKOTA # 29M UNIT
 Event Name: Original Completion Start: 06/10/2003 End: 06/18/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 06/27/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 34

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/12/2003	16:30 - 17:30	1.00	WS	g	80CMPL	PRESS, AT 380#, LOTS OF FRAC FLUIDS AND N2, NO SAND. WILL DRY WATCH WELL PM.
08/13/2003	08:00 - 08:30	0.50	WS	c	80CMPL	JSA, FLOWED WELL LAST 12 HOURS ON 1/2" CHOKE TO PIT, STABLE TBG PRESS. 200#, STILL FLOWING BACK SOME WATER, RECOVERED ABOUT 250BBLs OF FLUIDS.
	08:30 - 08:55	0.42	WS	6	80CMPL	START RIG, RU RIG PUMP, KILL WELL WITH 40BBLs OF 2% KCL. SHUT DOWN PUMP,
	08:55 - 09:30	0.58	WS	6	80CMPL	ND TWO FARC VALVES, SET TBG HANGER WITH BULL PLUG. SET AND RIG UP BOP.
	09:30 - 10:15	0.75	WS	8	80CMPL	RU PRESS. PUMP, TEST BOP, 300# ON LOW, 3000# ON HIGH ON BOTH BLINDS AND PIPE RAMS. BOP TESTED. RD PUMP.
	10:15 - 10:45	0.50	WS	6	80CMPL	RU SECOND FLOW BACKLINE TO PIT.
	10:45 - 15:30	4.75	WS	4	80CMPL	REMOVE THREAD PROTECTORS, TALLY, PU FROM TRAILER, TBG, RIH WITH MULE SHOE SEAT NIPPLE, AND 80 JOINTS OF TBG, LUNCH, RIH WITH 102 JOINTS OF TBG, TAG UP WITH 182 JOINTS, @ 56551', (255' OF PERFS, COVERED.)
	15:30 - 16:30	1.00	WS	6	80CMPL	RU AIR UNIT, TEST AIR LINE TO 1000#, OKAY, PUMP 5 GALS INHIBITOR IN FRONT OF AIR, EST CIRCULATION, AT 1150#, UNLOAD WELL, C/O TO 5666' WENT THRU BRIDGE ABOUT 10', FELL THRU, CIR CLEAN.
	16:30 - 17:30	1.00	WS	4	80CMPL	SHUT DOWN AIR, PU AND RIH WITH TBG, TAG UP AT 5917'. RU AIR.
	17:30 - 18:30	1.00	WS	5	80CMPL	EST RATE CLEAN OUT TO 5948'. CIR CLEAN, RAT EAT 950#
	18:30 - 19:00	0.50	WS	4	80CMPL	SHUT DOWN AIR, BLOW DOWN T BG, POOH WITH 5 STANDS OF TBG, END OF TBG ABOVE PERFS. SECURE WELL SDFN
08/14/2003	07:30 - 08:00	0.50	WS	c	80CMPL	JSA, SICP 940#, SITP 800#, START RIG.
	08:00 - 08:20	0.33	WS	g	80CMPL	OPEN WELL TO PIT, BLOW DOWN, KILL TBG WITH 10 BBLs OF 2% KCL.
	08:20 - 09:00	0.67	WS	4	80CMPL	RIH WITH TBG, TAG UP AT 5948'. NO NEW FILL, POOH WITH TWO STANDS, RU AIR UNLOAD WELL, EOT AT 5821'. SN ON BOTTOM.
	09:00 - 09:30	0.50	WS	e	80CMPL	SHUT DOWN AIR, RU TBG TO FLOW BACK LINE. OPEN WELL TO PIT, 400# CSG. 45# TBG.
	09:30 - 10:30	1.00	FT	i	80CMPL	CSG PRESS 400# TBG PRESS. 45#, WELL FLOWING TO PIT MAKING SOME FLUIDS. NO SAND. PUT IN 1/2" CHOKE NIPPLE.
	10:30 - 11:30	1.00	FT	i	80CMPL	FLOWING TBG PRESS, 150#, CSG PRESS. 420# NO SAND, SOME FLUIDS.
	11:30 - 15:30	4.00	FT	i	80CMPL	FLOWING TBG PRESS. 150#, CSG PRESS 420#, NO SAND, SOME FLUIDS. STABLE RATE.
	15:30 - 19:00	3.50	FT	i	80CMPL	TEST FOR C-104 MESA VERDE TEST, 940 MCF, TBG PRESS. 150#, CSG PRESS. 420#, FLOWING WITH 1/2" CHOKE NIPPLE. END OF TBG AT 5821', 0 BBLs. OIL 1 BBL. WATER, DATE OF TEST 8/13/2003. WITNESS, GILBERT BENNETT, KEY ENERGY, J. VALDEZ
08/15/2003	07:30 - 08:00	0.50	WS	c	80CMPL	COPC. SHUT WELL IN SDFN
	08:00 - 08:15	0.25	WS	g	80CMPL	JSA, SICP 930#, SITP 850#, START RIG.
	08:15 - 10:00	1.75	WS	4	80CMPL	OPEN UP WELL TO PIT, RU RIG PUMP KILL TBG WITH 10 BBLs OF 2% KCL. SHUT DOWN PUMP
	10:00 - 11:15	1.25	WS	4	80CMPL	POOH WITH 95 STANDS OF TBG AND SN.,
	11:15 - 11:30	0.25	WS	6	80CMPL	RIH WITH MILL STRING FLOAT, AND TBG 95 STANDS. TAG UP
	11:30 - 12:20	0.83	WS	5	80CMPL	RU POWER SWIVEL.
	12:20 - 14:00	1.67	WS	5	80CMPL	RU AIR UNIT, PRESS UP TO 1280# WELL START UNLOADING, CIR PRESS AT 1100#, C/O TO PLUG AT 6000'. CIR. PRESS 1100# CIR CLEAN.

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 DAKOTA UNIT 000029M

Common Well Name: SAN JUAN 30-5 DAKOTA # 29M UNIT

Spud Date: 06/18/2003

Event Name: Original Completion

Start: 06/10/2003

End:

Contractor Name: KEY FOUR CORNERS

Rig Release: 06/27/2003

Group:

Rig Name: KEY ENERGY

Rig Number: 34

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/15/2003	14:00 - 14:20	0.33	WS	h	80CMPL	MILL ON PLUG, MADE HOLE IN PLUG, LOTS OF PRESS. LET WELL BLOW DOWN, DRILL ON PLUG, PLUG FELL.
	14:20 - 15:00	0.67	WS	5	80CMPL	CIR. CLEAN WELL FLOWING BACK LOTS OF FRAC FLUIDS.
	15:00 - 16:00	1.00	WS	4	80CMPL	SHUT DOWN AIR, RD POWER SWIVEL, RIH WITH TBG , 258 JOINTS, TAG UP AT 8080'
	16:00 - 16:45	0.75	WS	6	80CMPL	RU AIR UNIT, EST RATE , DRILL ON PLUG, PLUG FELL.CIR CLEAN.SHUT DOWN AIR , BLOW DOWN TBG.
	16:45 - 19:30	2.75	WS	h	80CMPL	RIH WITH TBG, TAG AT 8082' , RU AIR , EST RATE START MILLING. MILL OUT TO 8091', RETURNS SHOW METAL SHAVING. SHUT DOWN AIR , PU TBG ABOVE PERFS, FLOW WELL . DRY WATCH TO NIGHT.
08/18/2003	07:30 - 08:00	0.50	WS	c	80CMPL	JSA, FLOWING CSG PRESS 280# . FLOWED WELL LAST 12 HOURS ON 1/2" CHOKE NIPPLE, WELL FLOWED BACK EST. 250 BBLS OF FRAC FLUIDS. WELL STILL MAKING A LITTLE FLUIDS, FLOW RATE AT 1743 MCF. BOTH ZONES. START RIG.
	08:00 - 08:30	0.50	WS	g	80CMPL	SHUT WELL IN, REMOVE 1/2" CHOKE . OPEN WELL UP ON TWO LINES TO PIT ., BLOW WELL DOWN.
	08:30 - 10:00	1.50	WS	4	80CMPL	POOH WITH 258 JOINTS OF TBG , STRING FLOAT, AN MILL. RU RIG PUMP AN KILL WELL BEFORE PU MILL. MILL SHOWS WEAR ON OUTER SIDE, (POSSIBLE DIFFERT WT OF CSG OR PROBLEMS WITH EXISTING PIPE)
	10:00 - 11:30	1.50	WS	4	80CMPL	RIH WITH MULE SHOE (2 3/8") SN, (2 3/8") AN TBG . TAG UP AT 8130'. (WENT THUR PROBLEM PART OF CSG @8092' , DID NOT FILL A THING)
	11:30 - 12:00	0.50	WS	6	80CMPL	RU POWER SWIVEL , RU AIR UNIT.
	12:00 - 13:00	1.00	WS	5	80CMPL	EST RATE . @ 1100#, UNLOAD WELL.
	13:00 - 16:30	3.50	WS	5	80CMPL	C/O SAND TO PBDT AT 8190', UNLOAD AN CIR CLEAN OFF BOTTOM.
	16:30 - 19:00	2.50	WS	4	80CMPL	POOH WITH 262 JOINTS OF TBG , SN AN MS. SECURE WELL AN SDFN.

END OF WELL SCHEMATIC

Well Name: SAN JUAN 30-5 # 29M
API #: 30-039-26777

Spud Date: 18-Jun-03
Spud Time: 20:30

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

RKB TO GROUND LEVEL: 12 FT
ALL DEPTHS ARE FROM RKB

Surface Casing Date set: 19-Jun-03
Size 9 5/8 in
Set at 226 ft # Jnts: 5
Wt. 32.3 ppf Grade H-40
Hole Size 12 1/4 in
Wash Out 150 %
Est. T.O.C. 0 ft
Csg Shoe 226 ft
TD of surface 226 ft

Notified BLM @ _____ hrs on _____
Notified NMOCD @ _____ hrs on _____

Intermediate Casing Date set: 22-Jun-03
Size 7 in
Set at 3890 ft # Jnts: 88
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in
Wash Out 150 %
Est. T.O.C. SURFACE
Csg Shoe 3890 ft
TD of intermediate 3890 ft

Notified BLM @ _____ hrs on _____
Notified NMOCD @ _____ hrs on _____

Production Casing Date set: 26-Jun-03
Size 4 1/2 in
Wt. 11.6 ppf Grade: I-80 from 0 to 8193 ft
Hole Size 6 1/4 in # Jnts: 192
Wash Out: 60 %
Est. T.O.C. 2800 ft
Marker Jt: 7998' to 8017'
Marker Jt: 5496' to 5506'

Notified BLM @ _____ hrs
on _____ Top of Float Collar 8190 ft
Notified NMOCD @ _____ hrs Csg Shoe 8193 ft

TD 8,193 ft

Trash Cap
11" 3M x 11" 3M Casing Spool
9-5/8" 8 RD x 11" 3M Casing Head

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used

Surface Cmt Date cmt'd: 19-Jun-03
Lead : 150 sx 50/50 POZ:Standard
+ 2% Bentonite + 3% CaCl2
+ 5 lb/sx Gilsonite + 0.25 lb/sx Cello-Flake
+ 0.2 CFR-3, Yield = 1.34 cuft/sx
201 cuft slurry mixed at 13.5 ppg
Displacement: 14.4 bbls Fresh Wtr
Pumping Done at: 05:15 hrs
Final Circ Pressure : _____ psi
Returns during job: Yes
CMT Returns to surface: 15 bbls
Floats Held: No floats run
W.O.C. for 10.25 hrs (plug bump to drlg cmt)

Int. Cement Date cmt'd: 22-Jun-03
Lead : 475 sx Standard Cement
+ 3% Econolite + 10 lb/sx PhenoSeal
2.88 cuft/sx, 1368 cuft slurry at 11.5 ppg
Tail: 100 sx 50/50 POZ:Standard Cement
+ 2% Bentonite + 6 lb/sx PhenoSeal
1.33 cuft/sx, 133 cuft slurry at 13.5 ppg
Displacement: 155 bbls Fresh Wtr
Bumped Plug at: 23:15 hrs
Final Circ Pressure: 921 psi
Returns during job: Yes
CMT Returns to surface: 40 bbls
Floats Held: Yes X No
W.O.C. for 19 hrs (plug bump to drlg cmt)

Prod. Cmt Date cmt'd: 26-Jun-03
515 sx 50/50 POZ:Standard Cement
+ 3% Bentonite + 0.2 % CFR-3
+ 0.1% HR-5 + 0.8% Halad-9
+ 5 lb/sx PhenoSeal
1.45 cuft/ sx, 747 cuft slurry at 13.1 ppg
Displacement: 127 bbls 2% KCL
Bumped Plug at: 09:39 hrs
Final Circ Pressure: 1500 psi
Returns during job: SEE COMMENTS
CMT Returns to surface: none
Floats Held: X Yes ___ No
Mud Wt. @ TD AIR ppg

COMMENTS:

Surface: No float equipment run. Ran guide shoe and aluminum baffle plate 1 jt above guide shoe.
Displaced cement with a top plug and held shut in pressure on casing head while WOC to set before backing out landing jt.
Intermediate:
Production: The 6-1/4" hole was air drilled and was filled with air when the prod csg was cmt'd. Therefore there were no returns during cmtng.

CENTRALIZERS:

Surface: Centralizers @ 215', 183', 142', & 101' Total: 4
Intermediate: Centralizers @ 3879', 3843', 3753', 3664', 3575', 3485', and 221'. Total: 7
Turbolizers @ 2974', 2940', and 2895' Total: 3
Production: No centralizers run on production casing Total: none