

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
March 4, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
30-025-36703

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Cochise "15" State

8. Well Number  
1

9. OGRID Number  
150628

10. Pool name or Wildcat  
Rock Lake-Morrow (Gas) (83950)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Pure Resources, L. P.

3. Address of Operator  
500 W. Illinois, Midland, Texas 79701

4. Well Location

Unit Letter D : 660' feet from the North line and 660' feet from the West line

Section 15 Township 22S Range 35E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,573' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. If a pit or below-grade tank is involved in the operation, complete the reverse side of this form.

**MIRU Nabors Rig #715 and SPUD well @ 1:00 pm on 6/10/2004.**

**Surface Casing**

On 6/12/04, RIH w/32 jts. 13-3/8" 54.5# J-55 casing and set @ 1,430' w/ 825 sx Cl "C" cmt. w/ 35:65 Poz +2% CaCl<sub>2</sub> + 1/4# per sx Cello Flake, + 6% Bentonite (Yld: 1.92 ft<sup>3</sup>/sx, Wt: 12.6 PPG)-Lead, followed by 300 sx Cl "C" cmt (Yld: 1.34 ft<sup>3</sup>/sx, Wt: 14.8 PPG)-Tail. TOC @ 25' by TS. Cmt'd. f/ 25'-5' (covered base plate) w/70 sx cmt. On 6/14/04, tested csg to 1,500 psi-OK. Tagged cmt @ 1,376', plug @ 1,379' and shoe @ 1,429'. Drld ahead to 5,801'.

**1st Intermediate Casing**

On 6/21/04, RIH w/52 jts 9-5/8" 40# NS-80HC csg & 79 jts 9-5/8" 40# J-55 csg & set @ 5,801' w/440 sx Cl "C" cmt w/35:65 Poz + 1/4# per sx Cello Flake + 6% Bentonite + 5# per sx LCM-1-Lead, followed by 250 sx Cl "C" cm-Tail (1<sup>st</sup> Stage). Circulated to DV Tool @ 3,982'. Then pumped 1,500 sx Cl "C" cmt w/35:65 Poz + 5% Sodium Chloride + 1/4# per sx Cello Flake + 1.3% FL-52 + 6% Bentonite (Yld: 2.1 ft<sup>3</sup>/sx, Wt: 12.4 PPG)-Lead, followed by 100 sx CL "C" cmt (Yld: 1.33 ft<sup>3</sup>/sx, Wt: 14.8 PPG)-Tail (2<sup>nd</sup> Stage). Circulated 288 sx cmt to surface. Tested csg to 3,000 psi-OK. Tripped in hole to DV Tool, tagged cmt @ 3,925', drl'd. bomb, plug, DV tool. Tripped in hole to float collar. Tagged cmt @ 5,682'. Tested csg to 2000 psi-OK. Drld. plug float, 44' cmt. and shoe. Drlg. Ahead.

(SEE ATTACHED)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Alan W. Bohling TITLE Regulatory Agent DATE 06/23/2004

Type or print name Alan W. Bohling E-mail address: abohling@pureresources.com Telephone No. (505) 298-6004

(This space for State use)  
APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JUN 28 2004  
Conditions of approval, if any:

## Pure Resources, Inc.

## Well History

## COCHISE "15" STATE #1 - 100% WI From 1/1/1920 through 6/22/2004

Well Name COCHISE "15" STATE #1 - 100% WI

Lease Well 515517-0001

State: NM

County: LEA

Activity Date 6/8/2004

Type of Report: DRILLING

INITIAL REPORT

Description MIXING SPUD MUD.

Times

Hours

Remarks

12.00

MIRU NABORS DRILLING RIG #715. BUILDING RESERVE PITS. RU ROTARY TOOLS.

12.00

RU ROTARY TOOLS. MIXING SPUD MUD.

MAN HRS NOT REPORTED.

Daily Cost

Cum Cost

AFE Amount

AFE #

Current Depth

Ftg Made

Mud Wt.

\$167,726

\$167,726

\$2,310,600

1040368

0

Activity Date 6/9/2004

Type of Report: DRILLING

PROGRESS REPORT

Description RU ROTARY TOOLS.

Times

Hours

Remarks

6.00

FINISH BUILDING RESERVE PITS. RU ROTARY TOOLS.

8.00

LINING RESERVE PITS W/ 20 MIL PLASTIC. RAN OUT OF 20 MIL PLASTIC. ORDERED PLASTIC.

10.00

WAIT ON PLASTIC. RU ROTARY TOOLS.

NO MAN HRS OR DAILY COST REPORTED.

Daily Cost

Cum Cost

AFE Amount

AFE #

Current Depth

Ftg Made

Mud Wt.

\$0

\$167,726

\$2,310,600

1040368

Activity Date 6/10/2004

Type of Report: DRILLING

PROGRESS REPORT

Description HAULING WATER.

Times

Hours

Remarks

5.00

FINISH LINING RESERVE PITS.

19.00

HAULING WATER TO RESERVE PITS.

MAN HRS NOT REPORTED.

Daily Cost

Cum Cost

AFE Amount

AFE #

Current Depth

Ftg Made

Mud Wt.

\$35,201

\$202,927

\$2,310,600

1040368

Activity Date 6/11/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG.

Times

Hours

Remarks

4.00

HAUL FW TO RESERVE.

1.50

SPUD SAFETY MTG. RIG INSPECTION.

1.50

FIX INSPECTION PROBLEMS.

17.00

SPUD 17-1/2" HOLE 1:00 P.M. 6/10/04. SURVEY @ 243' - 1/2 DEG.

MAN HRS NOT REPORTED.

Daily Cost

Cum Cost

AFE Amount

AFE #

Current Depth

Ftg Made

Mud Wt.

\$19,913

\$222,840

\$2,310,600

1040368

930

930

8.5

Activity Date 6/12/2004

Type of Report: DRILLING

PROGRESS REPORT

Description WASHING TO BOTTOM W/ 13-3/8" CSG @ 1342'.

Times

Hours

Remarks

4.00

DRLG F/ 930-1121' (AVG 47.8 FPH) W/ 75 RPM, 70K.

0.25

SAFETY MTG. WLS @ 1073' - 1 DEG.

5.25

DRLG F/ 1121-1430' (AVG 58.9 FPH) W/ 75 RPM, 70K.

1.50

PUMP 2 SWEEPS. CIRC HOLE CLEAN.

0.25

SAFETY MTG. DROP SURVEY. RIG FLOOR FOR TRIP.

4.25

SAFETY MTG. TOH W/ BIT #1. LD BHA #1.

1.75

SAFETY MTG. RU CSG CREEW. PU MACHINE.

2.50

SAFETY MTG. RAN 13-3/8" 54.5# J-55 TO 1188'.

3.25

SAFETY MTG. RU, WASH F/ 1188 - 1342'.

MAN HRS NOT REPORTED.

Daily Cost

Cum Cost

AFE Amount

AFE #

Current Depth

Ftg Made

Mud Wt.

\$190,775

\$413,615

\$2,310,600

1040368

1430

500

8.4

Activity Date 6/13/2004  
Description NU BOP.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	1.50	SAFETY MTG. WASH CSG F/ 1342-1430'. CIRC CAPACITY.
	2.00	SAFETY MTG. RU BJ. PUMP 825 SX LEAD, 300 SX TAIL. 0 SX TO SURFACE.
	4.50	SAFETY MTG. RD BJ. WAIT ON TEMPERATURE SURVEY. JET PITS. CUT CONDUCTOR, ORANGE PEAL TO 13-3/8". CUT OFF 13-3/8" CSG.
	1.00	SAFETY MTG. WELD ON 13-5/8" 3K "A" SECTION. TEST TO 800 PSI.
	0.75	SAFETY MTG. CMT F/ 25' TO 5' (COVERED BASE PLATE) W/ 70 SX.
	11.25	SAFETY MTG. NU 13-5/8" 3K X 13-5/8" 5K SPOOL, 13-5/8" 5K X 13-5/8" 10K DSA, 13-5/8" 10K X 13-5/8" 10K SPOOL, 13-5/8" 10K SINGLE (PIPE), 13-5/8" 10K DOUBLE (PIPE TOP, BLIND MIDDLE), 13-5/8" 5K ANNULAR, 13-5/8" 3K ROTATING HEAD, 8" 3K, FLOWLINE VALVE, 4-1/16" 10K CHOKE MANIFOLD W/ 2 HYD, 1 MANUAL. NOTE: NOTIFIED NMOC (VAN) 10:00 A.M., 3:00P.M. 6/12/04. MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.
\$61,135	\$474,750	\$2,310,600	1040368	1430		8.4

Activity Date 6/14/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG 48 FPH.

Times	Hours	Remarks
	2.75	SAFETY MTG. FINISH NU BOPE. REFAB FLOWLINE.
	1.50	SAFETY MTG. TEST F/ 250-1500 PSI: BLINDS, KILL LINE, CHOKE SYSTEM.
	1.50	SAFETY MTG. PREPARED RIG FLOOR. PU BHA #2.
	2.00	DRLG CMT OUT OF MOUSE HOLE. CMT CAME UNDER CELLAR BOTTOM.
	1.00	SAFETY MTG. TIH TO 1322'.
	0.75	SAFETY MTG. TEST TO 1500 PSI: CSG, PIPE RAMS, & ANNULAR.
	1.50	DRLG F.E. TAG CMT @ 1376'. PLUG @ 1379', SHOE @ 1429'.
	6.00	DRLG F/ 1430-1556' W/ 50K, 50 RPM (AVG 21 FPH). BHA OUT OF CSG.
	5.00	DRLG F/ 1556-1775' W/ 70K, 80 RPM (AVG 43 FPH).
	0.50	SAFETY MTG. WORK TIGHT HOLE.
	1.75	DRLG F/ 1775-1859' W/ 70K, 80 RPM (AVG 48 FPH). REAM EACH CONN. MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.
\$20,020	\$494,770	\$2,310,600	1040368	1859	429	

Activity Date 6/15/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG 32 FPH.

Times	Hours	Remarks
	1.50	DRLG F/ 1859-1930' W/ 70K, 80 RPM (AVG 47.3 FPH).
	0.25	SAFETY MTG. WLS @ 1884' - 1/4 DEG.
	6.50	DRLG F/ 1930-2428' W/ 30-70K, 80 RPM, ACG 76.6 FPH.
	0.25	SAFETY MTG. WLS @ 2380' - 1 DEG.
	1.00	DRLG F/ 2428-2491' W/ 30-70K, 80 RPM, AVG 63 FPH.
	0.50	SAFETY MTG. SERVICE RIG. WALK THRU BOP DRILL. FUNCTION RAMS, ANNULUS.
	5.75	DRLG F/ 2491-2924' W/ 30-70K, 80 RPM, AVG 86.2 FPH.
	0.25	SAFETY MTG. WLS @ 2876' - 1/4 DEG. WALK THRU BOP.
	8.00	DRLG F/ 2924-3370' W/ 30-70K, 80 RPM (AVG 55.8 FPH). MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.
\$13,242	\$508,012	\$2,310,600	1040368	3370	1511	

Activity Date 6/16/2004  
Description DRLG.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	1.00	DRLG F/ 3370-3420' W/ 40-70K, 80 RPM, AVG 50 FPH.
	0.50	SAFETY MTG. WLS @ 3372' - 3/4 DEG, 1.3 BBLS TO BREAK CIRC.
	9.50	DRLG F/ 3420-3853' W/ 50-70K, 80 RPM, AVG 45.6 FPH.
	0.50	SAFETY MTG. SERVICE RIG, 2.5 BBLS TO BREAK CIRC.
	2.75	DRLG F/ 3853-3916' W/ 80K, 80 RPM, AVG 45.6 FPH.
	0.50	SAFETY MTG. WLS @ 3968' - 2-3/4 DEG, 6.6 BBLS TO BREAK CIRC.
	4.25	DRLG F/ 3916-3977' W/ 50K, 80 RPM, AVG 14.4 FPH.
	0.50	SAFETY MTG. WLS @ 3929' - 2-3/4 DEG, 6.5 BBLS TO BREAK CIRC.
	4.50	DRLG F/ 3977-4039' W/ 50K, 80 RPM, AVG 13.8 FPH.
		MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$32,429	\$540,441	\$2,310,600	1040368	4039	669	10.0	

Activity Date 6/17/2004  
Description DRLG.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	0.25	SAFETY MTG. WLS @ 3991' - 2-3/4 DEG, 6.6 BBLS TO CIRC.
	3.75	DRLG F/ 4039-4102' W/ 45K, 80 RPM, AVG 16.8 FPH.
	0.25	SAFETY MTG. WLS @ 4054' - 2 DEG, 6.8 BBLS TO CIRC.
	4.75	DRLG F/ 4102-4196' W/ 50K, 80 RPM, AVG 19.8 FPH.
	0.25	BOP DRILL. WELL SECURED 65 SC, SPR 40 SPM, 150 PSI (THRU CHOKE).
	0.25	SAFETY MTG. WLS @ 3148' - 1-3/4 DEG, 7.1 BBLS TO CIRC.
	1.00	DRLG F/ 4196-4215' W/ 60K, 80 RPM, AVG 19 FPH.
	0.50	SAFETY MTG. SERVICE RIG.
	3.50	DRLG F/ 4215-4353' W/ 60K, 80 RPM, AVG 39.4 FPH.
	0.50	SAFETY MTG. WLS @ 4305' - 2.25 DEG, 4.43 BBLS TO CIRC.
	4.00	DRLG F/ 4353-4447' W/ 50K, 80 RPM, AVG 23.5 FPH.
	0.50	SAFETY MTG. WLS @ 4399' - 2 DEG, 49.9 BBLS TO CIRC.
	4.50	DRLG F/ 4447-4520' W/ 50K, 80 RPM, AVG 16.2 FPH. LOST RETURNS @ 4336'. PUMPING 38 VI, 10 PPB LCM, 18 WL SWEEPS. REGAINED 75% RETURNS @ 4382'. 8.3 BBLS TO CIRC AFTER CONN.
		MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$27,866	\$568,307	\$2,310,600	1040368	4520	481	10	

Activity Date 6/18/2004

Type of Report: DRILLING

PROGRESS REPORT

Description WAITING ON WATER.

Times	Hours	Remarks
	2.00	DRLG F/ 4520-4571' W/ 50K, 80 RPM, AVG 25.5 FPH.
	0.50	SAFETY MTG. WLS @ 4623' - 1 DEG, 173 BBLSTO CIRC.
	4.50	DRLG F/ 4571-4725' W/ 60K, 80 RPM, AVG 34.2 FPH.
	0.50	SAFETY MTG. WLS @ 4677' - 1 DEG, 174 BBLS TO CIRC.
	1.50	DRLG F/ 4725-4788' W/ 65K, 80 RPM, AVG 42 FPH. LOST TOTAL RETURNS.
	0.50	SAFETY MTG. SERVICE RIG. PUMP 100 BBL LCM PILL.
	7.75	DRLG F/ 4788-4948' W/ 30K (TORQUE FRAC FORM), 80 RPM, AVG 20.6 FPH.
	0.75	SAFETY MTG. OULL 10 STANDS, BIT @ 3990'.
	0.50	SAFETY MTG. PUMP 180 BBL 50 VIX 18 PPG LCM 10WI PILL.
	4.50	WAIT ON WATER. EMPTY LOCAL BRINE STATIONS. TRUCKS OUT OF TIME.
		MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$28,780	\$597,087	\$2,310,600	1040368	4571	51	10.0	

Activity Date 6/19/2004  
Description DRLG.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	8.00	BUILD VOLUME - IN RESERVE.
	0.50	SAFETY MTG. TIH TO 4889'.
	0.25	SAFETY MTG, 21.6 BBLS TO CATCH PRESSURE. WASH TO 4948'.
	9.50	DRLG F/ 4948-5225' W/ 35K, 80 RPM, AVG 29.2 FPH.
	0.50	SAFETY MTG. RUN WLS @ 5179' - 2-1/4 DEG.
	5.25	DRLG F/ 5225-5395' W/ 35K, 80 RPM, AVG 32.3 FPH.
		MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$33,048	\$630,135	\$2,310,600	1040368	5395	447	10	

Activity Date 6/20/2004  
Description TOH.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	8.50	DRLG F/ 5395-5599' W/ 40K, 80 RPM, AVG 24 FPH.
	0.50	SAFETY MTG. SERVICE RIG. H2S DRILL.
	12.25	DRLG F/ 5599-5801' W/ 40K, 80 RPM, AVG 16.5 FPH.
	1.25	SAFETY MTG. PUMP SWEEP. DROP SURVEY.
	1.50	SAFETY MTG. TOH W/ BIT #2.
		MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$18,118	\$648,253	\$2,310,600	1040368	5801	406	10	

Activity Date 6/21/2004  
Description NU "A" SECTION.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	0.50	SAFETY MTG. TOH W/ DP.
	3.00	SAFETY MTG. RU LD MACHINE. LD BHA #2.
	1.50	SAFETY MTG. RU CSG CREW.
	6.00	RUN 2281.02' 9-5/8" 40# NS-80HC LT&C, 3503.38' 40#J-55 LT&C CSG.
	1.25	SAFETY MTG. RU, WASH 4' TO BOTTOM. CIRC CAP CSG, WT 220K.
	0.50	SAFETY MTG. TEST LINES TO 5000 PSI. PUMP 40 BBLS FRAC GEL.
	2.00	CMT FIRST STAGE W/ 440 SX LEAD, 250 SX TAIL.
	0.50	SAFETY MTG. SET PKR. DROP BOMB, OPEN DV TOOL.
	3.50	CIRC DV TOOL, CIRC 0 SX TO SURFACE.
	2.50	CMT SECOND STAGE W/ 1500 SX LEAD, 100 SX TAIL. CIRC 288 SX.
	0.25	SAFETY MTG. TEST CSG 3000 PSI.
	2.50	SAFETY MTG. PU BOP. SET SLIPS ON 9-5/8" 200K. CUT OF 9-5/8" CST.
		NOTIFIED NMOC 9:20 A.M. 6/20/04. MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$279,959	\$928,212	\$2,310,600	1040368	5801			

**TUBING BREAKDOWN AS OF  
ROD BREAKDOWN AS OF  
FAILURES AS OF**

**CASING HISTORY REPORT**

**SURFACE LEVEL**

**Location** 660' FN & WL, SEC 15, 22S, 35E

**TD Date** 6/20/2004

**TD Hole Time**

**Total Depth:** 5801

**Hole Size:** 12-1/4"

<u>Joints Ran</u>	<u>Joint Description</u>	<u>Total Footage</u>	<u>Running Ftg.</u>
	9-5/8" 40# NS-80HC LT&C	5801.00	5801.00

**Total Joints Ran**

**5801.00**

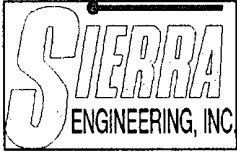
**Cemented as follows:**

**Top Cement:**

Stage 2 - 1500 SX LEAD (YLD:, WT:)

Stage 1 - 1500 SX LEAD (YLD:, WT:)

**Comments**



Well Name Onchise "15" State #1 Date 6/13/2004 Page 1 of 1

### CASING DETAIL FROM BOTTOM TO TOP

Measured Depth 1,430

Bit Size 17 1/2"

	Size	Length	Grade	Joints	Weight	Connection	Bottom (ftKB)	Top (ftKB)
	13 3/8"	1.36	Standard	Flt/Shoe	Standard	8rd ST&C	1430	1428.64
	13 3/8"	45.12	J-55	1	54.5	8rd ST&C	1428.64	1383.52
	13 3/8"	1.15	Standard	Flt/ Collar	Standard	8rd ST&C	1383.52	1382.37
	13 3/8"	1340.6	J-55	30	54.5	8rd ST&C	1382.37	41.77
	13 3/8"	16.77	J-55	cut/jnt	54.5	8rd ST&C	41.77	25
	Below/Gr	3						22
	KB	22						0

	<u>1432.4</u>	Total Pipe Run in Hole
-	<u>27.4</u>	Less Cutoff Piece
=	<u>1405</u>	Total Pipe Left in Hole
+	<u>25</u>	RKB to Cutoff
=	<u>1430</u>	Total Setting Depth

Centralizers # Run Placement Depths :

Weatherford Latch-On Standard 10' every 3rd jnt

Other Cementing Aids:

Primary Cementing Detail Cementing Company B.J.

Lead Type C Vol 825 PG 12.6 Yiel 1.92 ft3/sk Mix Wtr 6.34 Gal/s

Additives: 35:65 + 2% Ca Cl + .25lb/sx Cello Flake + 6% Bentonite

Tail Type C Vol 300 PP 14.8 Yiel 1.34 ft3/sk Mix Wtr 6.34 Gal/s

Additives:

Dis cement w/ 214 bt F/W (type fluid).Bump plug(Y or N) Y with 500 PSI

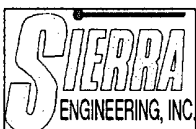
Returns (Full or Partial) Full Reciprocated pipe Yor N N Circ cmt ( Y or N ) N

Job complete @ 18:45 hours, Date 6/12/2004 Sx Circ Fill f/ top

Remarks:

Bridged off w/ 14bbl cement out shoe. Worked loose. Finished job w/ full returns.

Filled f/ 25' to 5' (covered base plate) w/ 70sx



Well Name		Cochise "15" State #1		Date		6/21/2004		Page		1		of		1	
CASING DETAIL FROM BOTTOM TO TOP															
Measured Depth 5,801								Bit Size 12-1/4"							
	Size	Length	Grade	Joints	Weight	Connection	Bottom (ftKB)	Top (ftKB)							
	9-5/8"	1.42	Flt/Shoe		303A	8rd LT&C	5,801.00	5,799.58							
	9-5/8"	44.06	NS-80HC	1	40#	8rd LT&C	5,799.58	5,755.52							
	9-5/8"	1.22	Flt/Col		402A	8rd LT&C	5,755.52	5,764.30							
	9-5/8"	1752.66	NS-80HC	40	40#	8rd LT&C	5,764.30	4,001.64							
	9-5/8"	17.00	ECP			8rd LT&C	4,001.64	3,984.64							
	9-5/8"	2.6	DV Tool		751E	8rd LT&C	3,984.64	3,982.04							
	9-5/8"	484.30	NS-80HC	11	40#	8rd LT&C	3,982.04	3,497.74							
	9-5/8"	3503.38	J-55	79	40#	8rd LT&C	3,497.74	-5.64							
<div>5806.64      Total Pipe Run in Hole</div> <div>-      27.64      Less Cutoff Piece</div> <div>=      5779.00      Total Pipe Left in Hole</div> <div>+      22.00      RKB to Cutoff</div> <div>=      5801.00      Total Setting Depth</div>															
Centralizers 26 Type "B"      # Run Placement Depths : 10' f/ bottom, every 5th jnt to surface															
Float Shoe, Float Collar, DV Tool, ECP															
Other Cementing Aids:															
Primary Cementing Detail      Cementing Company B.J.															
Lead Type "C"      Vol 440      PPG      Yiel 2      ft/sk      Mix Wtr      10.53Gal/sk															
Additives: 35:65 Poz+.25lb/sx Cello Flake+6% Bentonite+5lb/sx LCM-1															
Tail Type "C"      Vol 250      PPG      Yield 1.33ft3/      Mix Wtr      6.33Gal/sk															
Additives:															
Displaced cement w/      *bbls *      (type fluid).Bump plug(Y or N)      yes      with      3100      PSI															
Returns (Full or Partial) Partial      Reciprocated pipe Yor N No      Circ cmt ( Y or N )															
Job complete @      20:45      hours, Date      6/20/2004      Sx Circ															
Remarks:															
*Displaced w/ 140bbl F/W, 295bbl B/W															
Lead Type "C"      Vol 1500sx      PG 12.4 Yiel 2.1      ft/sk      Mix Wtr 11.64      Gal/sk															
Additives: 35:65 Poz+5% Sodium Chloride+.25lb/sx Cello Flake+1.3% FL-52+6% Bentonite															
Tail Type "C"      Vol 100      PG14.8 Yield 1.33      ft/sk      Mix Wtr 6.33      Gal/sk															
Additives:															
Displaced cement w/302      bbls F/W      (type fluid).Bump plug(Y or N)      yes      with      PSI															
Returns (Full or Partial) Full      Reciprocated pipe Yor N no      Circ cmt ( Y or N )      Yes															
Job complete @      3:15      hours, Date      ###      Sx Circ      288															
Remarks:															