

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals

FORM APPROVED
BUDGET BUREAU NO. 1004-0135
EXPIRES MARCH 31, 1993

5. Lease Designation and Serial No.
NM-36096

6. If Indian, Allocate or Tribe Name
NA

7. If Unit or CA, Agreement Designation
San Isidro (Shallow)

8. Well Name and No.
San Isidro No. 12-11

9. API Well No.
30-043-26895

10. Field and Pool, or Exploratory Area
Mancos

11. County or Parish, State
Sandoval County, NM

SUBMIT IN TRIPLICATE

1. Type of Well:

Oil ☐ Gas ☐
Well ☒ Well ☐ Other ☐

2. Name of Operator:

Energy Development Corporation

3. ADDRESS OF OPERATOR

1000 Louisiana, Ste. 2900, Houston, TX 77002

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

T20N-R3W-S12 Surface: 2372' FWL & 2290' FSL
PBHL: 1913' FWL & 1345' FNL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Drilling Report

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report result on multiple completion on Well Completion or Recompletion Report Log form).

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface location and measured and true vertical depths for all markers and zones pertinent to this work).

See attached Daily Drilling Report for October 24, 1993 thru November 12, 1993.

RECEIVED
DEC 23 1993
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Mark S. Gerding Title Supervisor, Reg. & Environ. Affairs Date 11-12-93

Mark S. Gerding

(This space for Federal or State Approval)
(Original Signed) RECEIVED

Approved by

Title AREA MANAGER
RIO PUERCO RESOURCE AREA

Date

DEC 11 1993

DATE 11/12/93
TIME 08 26 08

ENERGY DEVELOPMENT CORPORATION
DAILY DRILLING REPORTING SYSTEM
DAILY DRILLING REPORT
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ONSHORE REGION

NEW MEXICO

Field/County: RIO PUERCO, SANDOVAL

SIU 12-11 PUD

OPER: ENERGY DEVELOPMENT CORPORATION WB/ZONE: 02344 01

WELL TYPE : OIL
WELL CTGY : DEV WI : 0.99790400
OBJECTIVE : DRILL A 5,500' VERTICAL WELL, PLUG BACK AND DRILL TWO (2) 1,700'
HORIZONTAL WELLS.
AFE NO : 93-20-00-25 EST TOTAL COST : \$ 996,500 SPUD DATE : 10/27/93
RIG NAME : BIG A 34
LCCATION : SEC 12-T20N-R3W, 2372' FWL & 2290' FSL

CASING: 9.625 K55 350 36.0
CASING: 7.000 J55 3311 23.0
TCP/BOTTOM PERFS: 10469 10477

10/24/93 TD: PROGRESS : TOTAL FOOTAGE :
MUD WEIGHT : VISCOSITY: WATER LOSS :
WELL STATUS : DR PBTD :
CUR ACTIVITY: BUILDING LOCATION.

FIRST REPORT

Building location. SDFN.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$	0
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$	0
DAILY DRYHOLE COST	:	\$	0	TOTAL WELL COST	:	\$	0
CUM DRYHOLE COST	:	\$	0				

10/25/93 TD: PROGRESS : TOTAL FOOTAGE :
MUD WEIGHT : VISCOSITY: WATER LOSS :
WELL STATUS : DR PBTD :
CUR ACTIVITY: BUILDING LOCATION.

SDFN. Cleaning rig & location. Waiting on location to be finished. SDFN.
NOTE: Pad ready, will move rig on 10-25-93. Pits should be ready on 10-26-93.
Costs will be corrected on 10-26-93.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$	0
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$	0
DAILY DRYHOLE COST	:	\$	0	TOTAL WELL COST	:	\$	0
CUM DRYHOLE COST	:	\$	0				

10/26/93 TD: PROGRESS : TOTAL FOOTAGE :
MUD WEIGHT : VISCOSITY: WATER LOSS :
WELL STATUS : DR PBTD :
CUR ACTIVITY: DRILLING RAT HOLE & MOUSE HOLE.

Loading out rig & moving to new location. Rigging up on new location. Mix spud mud.
RU & drlg rat hole & mouse hole.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$	0
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$	0
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$	
CUM DRYHOLE COST	:	\$					

10/27/93 TD: 350 PROGRESS : 350 TOTAL FOOTAGE : 350
MUD WEIGHT : 8.70 VISCOSITY: 45.00 WATER LOSS :
WELL STATUS : DR PBTD :
CUR ACTIVITY: NU BOP'S.

Spud well, drlg f/0-49'. Waiting on truck to bring mouse hole chuck f/old location

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SAN ISIDRO 12-11 PUD (continued)

to new location. Install mouse hole chuck. Drlg f/49-350'. Circ out w/gel pill. POOH to run 9-5/8" casing. RU & run 8 jts 9-5/8", 36#, K-55, STC csg. Shoe of csg at 350' RKB. Insert float at 303'. RU Halliburton & circ hole clean. Pump 10 bbls wtr ahead & cmt w/200 sxs standard cmt + 2% CaCl + .25#/sx Flocele mixed w/ fresh water to 15.6#/gal. Yield 1.19 ft³/sx. Had good circ & got back 12-1/2 bbls cmt to surface. Waiting on cmt 4 hrs. Weld on 11", 3000 Cactus starting head & NU BOP's & choke manifold.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$	0
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$	0
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$	
CUM DRYHOLE COST	:	\$					

10/28/93 TD: 1005	PROGRESS : 655	TOTAL FOOTAGE : 1005
MUD WEIGHT : 9.10	VISCOSITY: 45.00	WATER LOSS : 14.00
WELL STATUS : DR	PBTD :	
CUR ACTIVITY: DRLG W/BIT #2 AT 1,005'.		

NU BOP & choke manifold. Waiting on test plug (Cactus did not bring test plug as instructed). Set test plug. Tested blind & pipe rams to 3000 psi, okay. Tested choke manifold, all valves & hydraulic choke to 3000 psi, okay. Tested hydrill to 1500 psi, okay. Set wear ring in Cactus starting head (11", 3000 psi w/C-22 profil). ID on wear ring - 10". Jet bit #2 w/11,128 GIH & PU kelly. Tag cmt at 300'. Drlg cmt & plug @ 301-302'. Drlg 10' cmt. Test casing to 1500 psi, okay. Drlg cmt & shoe at 350'. Drlg formation f/350-843' (WOC 40,000#, 75 RPM, 1400 psi at 84 spm). WL survey at 822 - 1/2 deg. Drlg f/843-1005' (WOC 40,000#, 73 RPM, 1800 psi, 98 spm).

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$	
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$	
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$	
CUM DRYHOLE COST	:	\$					

10/29/93 TD: 2250	PROGRESS : 1245	TOTAL FOOTAGE : 2250
MUD WEIGHT : 9.00	VISCOSITY: 45.00	WATER LOSS : 8.80
WELL STATUS : DR	PBTD :	
CUR ACTIVITY: PREP TO MAKE WIPER TRIP		

10/29/93 Drill 1005-1314', rig svc, drill 1314-1345', WL survey @ 1305'-1 deg, change out swivel, drill 1345-1815', WL survey @ 1775'-1/2 deg, drill 1815-2250'.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$	
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$	
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$	
CUM DRYHOLE COST	:	\$					

10/30/93 TD: 2765	PROGRESS : 515	TOTAL FOOTAGE : 2765
MUD WEIGHT : 9.20	VISCOSITY: 44.00	WATER LOSS : 8.00
WELL STATUS : DR	PBTD :	
CUR ACTIVITY: DRILLING		

10/30/93 POH into csg. CO vibrator hose union. TIH to 1753'. PU kelly, wash thru tight spot 1753-1847'. FIH to 2250'. Drill 2250-2313' (WOB-35M, 80 RPM, 1800 psi @ 90 SPM). Rig svc. Drill 2313-2344'. WLS @ 2304-1 deg. Drill 2344-2685' (WOB-35M, 75 RPM, 1800 psi, 90 SPM). Drill 2685-2765' (WOB-35M, 80 RPM, 1800 psi, 90 SPM).

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$	
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$	
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$	
CUM DRYHOLE COST	:	\$					

10/31/93 TD: 3201	PROGRESS : 436	TOTAL FOOTAGE : 3201
MUD WEIGHT : 9.20	VISCOSITY: 47.00	WATER LOSS : 3.00
WELL STATUS : DR	PBTD :	

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CJR ACTIVITY: DRILLING

10/31/93 Drill 2765-2845' (WOB-35M, 80 RPM, 1800 psi, 90 SPM).
WLS @ 2805'-1-1/2 deg. Rig svc. Drill 2845-3151' (WOB 35M, 80 RPM, 1800 psi, 90 SPM). CBU, pump slug, blow out kelly. Bit torquing up. POOH. PU used bit (HTC-no charge for bit). TIH w/Bit #3. Drill 3151-3201' (WOB-35M, 80 RPM, 1800 psi, 90 SPM).

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/01/93 TD: 3311	PROGRESS :	110	TOTAL FOOTAGE :	3311
MJD WEIGHT : 9.20	VISCOSITY:	58.00	WATER LOSS :	5.80
WELL STATUS : DR	PBTD :			

CJR ACTIVITY: POH TO LOG

11/1/93 Drill 3201-3311' (WOB-40M, 75 RPM, 1800 psi, 90 SPM). Circ for short trip. ST into csg. Circ hole clean. M&P slug, blow kelly. TOH to run electric logs. RU Schlumberger. TIH to 2642' w/logging tool and hit bridge, could not work thru bridge. Logged 2642 up to csg @ 350'. Ran DIL-SFL/SP/GR/caliper. RD Schlumberger. TIH to condition same. Wash thru bridges @ 2642', 2800' & 3000'. Cond mud & circ hole clean. POH to log 3311-2642'.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/02/93 TD: 3311	PROGRESS :		TOTAL FOOTAGE :	3311
MJD WEIGHT : 9.20	VISCOSITY:	45.00	WATER LOSS :	5.80
WELL STATUS : DR	PBTD :			

CJR ACTIVITY: RUNNING 7" CASING

11/2/93 Finish TOH. RU Schlumberger. TIH to 2642'. Tie in to previous log. TIH to 3311'. Log 3311-2642'. POOH w/logging tools. RD loggers & TIH w/7" DC's. WOO. RU & LD (12) 7" DC's. TIH w/(1) DC and DP. PU 12 jts DP to get to btm. C&C mud to run 7" csg. Blow out kelly and rig svc. POH, LD 5" DP and (1) 7" DC. RD LD machine. WO Wellhead Services, Inc. for wear ring pulling tool (WSI took pulling tool in by mistake). RU San Juan Casing Crew tools & MU Halliburton down jet float shoe. PU 7" 23# K55, N80 & J55 LT&C casing, TIH w/same.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/03/93 TD: 3311	PROGRESS :		TOTAL FOOTAGE :	3311
MJD WEIGHT : 8.60	VISCOSITY:	30.00	WATER LOSS :	
WELL STATUS : DR	PBTD :			

CJR ACTIVITY: NU BLOUIE LINE

11/3/93 Finished running casing. Ran 14 jts 7" 23# K-55, 2 jts 7" 23# N80 and 62 jts 7" 23# J55. FS @ 3311'. Top of FC @ 3235.38' w/top of DV tool @ 1805.39'. Ran total of 8 centralizers & 4 cement baskets above DV tool. Circ & work pipe thru 15' stroke while RU Halliburton to cement. Cement 1st stage Lead w/125 sx HLC + 2% CaCl + .5#/sk Flocele mixed w/FW to 12.6 ppg. Yield-1.75 ft3/sk. Slurry volume-39 bbls. Mixed 1st stage tail w/110 sx standard cmt + 2% CaCl + .25 #/sk Flocele, mixed w/FW to 15.6 ppg. Yield-1.19 ft3/sk. Slurry volume-23 bbls. Packed plug & disp w/58.5 BW + 69.7 BM. Total displacement-128.2 bbls. Bumped plug from 750 psi to 1150 psi. Bleed-back floats holding, had good circ thru job. Drop bomb. Open DV tool. Circ w/rig pump. Halliburton cemented 2nd stage: Pumped 15 BW ahead. Mixed & pumped 300 sx (lead) HLC + 2% CaCl, 0.5 #/sk Flocele mixed w/FW to 12.6 ppg. Yield 1.75 ft3/sk. Slurry volume-62 bbls. Mixed & pumped tail cement-50 sx standard cmt + 2% CaCl + 0.25 #/sk

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Flocele w/FW to 15.6 ppg. Yield 1.19 ft³/sk. Slurry volume-10.6 bbls. Dropped closing plug, disp w/71 BW. Closed DV tool w/1150 psi. Checked float, OK. Had good circ, got back 11.5 BC to surface. Set casing slips in starting head, hung off w/70,000#. Made rough cut and final cut on 7". NU Cactus 11" 3000 psi x 7-1/16" 3000 psi tubinghead, test to 1000 psi, OK. NU BOP's, ck manifold line & change pipe rams to 3-1/2". Test pipe rams, blind rams, choke manifold and all valves to 3000 psi, OK. Test hydril to 2000 psi, OK. Install wear ring in tubinghead. NU blouie line.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/04/93 TD: 3314	PROGRESS : 3	TOTAL FOOTAGE : 3314
MUD WEIGHT : 8.60	VISCOSITY: 29.00	WATER LOSS :
WELL STATUS : DR	PBTD :	
CUR ACTIVITY: DRILLING		

11/4/93 NU blouie line to reserve pit and Gas Buster. Change out kellys. Change linkage on draw works brakes. Rig svc. PU Bit #4. Strap & PU (9) 4-3/4" DC's and 30 jts 3-1/2" HWDP. GIH, strapping. PU 3-1/2" 13.3# S135 DP. TIH w/same. Tag cmt @ 1795'. Test casing to 1500 psi for 5 min. Drill cmt and DV tcol @ 1805'. Re-test csg to 1500 psi for 5 min. GIH. PU 3-1/2" DP. Tag cmt @ 3232'. Drill cmt, float collar @ 3235' and cmt to 3280'. Retest csg to 1500 psi for 30 min, OK. C&C water to 6% KCL. Drl cmt, float shoe and 3' formation to 3314'.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/05/93 TD: 3900	PROGRESS : 586	TOTAL FOOTAGE : 3900
MUD WEIGHT : 8.70	VISCOSITY: 29.00	WATER LOSS :
WELL STATUS : DR	PBTD :	
CUR ACTIVITY: DRILLING		

11/5/93 Drill 3314-3320', CBU. PU inside csg & pressure test csg, cmt & fm to 250 psi for 30 min. Equiv mud wt=10 ppg @ FS. Unload KCL wtr w/air & KCL mist. Drill 3320-3375' w/6000#, 90 RPM, 1600 ft³ @ 500 psi, 12 GPM injection rate, installed string float at 3332'. Drill 3332-3593' w/10,000#, 90 RPM, 1600 ft³ @ 500 psi, 12 GPM injection rate. Drill 3593-3783' w/12,000#, 90 RPM, 1600 ft³ @ 500 psi, 12 GPM inj rate. Blow hole for survey. Survey @ 3780'-1 deg. Drill 3783-3900' w/12,000#, 85-90 RPM, 1600 ft³ @ 500 psi, 12 GPM inj rate.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/06/93 TD: 4378	PROGRESS : 478	TOTAL FOOTAGE : 4378
MUD WEIGHT :	VISCOSITY:	WATER LOSS :
WELL STATUS : DR	PBTD :	
CUR ACTIVITY: DRILLING		

11/6/93 Drill 3900-4216', 12,000#, 85 RPM, 1600 ft³ @ 500 psi, 12 GPM inj rate. Rig svc. Drill 4216-4252', 12,000#, 85 RPM, 1600 ft³ @ 500 psi, 12 GPM inj rate. POH 5 stands, retrieve string float. GIH, DS @ 4240'-2-3/4 deg. Drill 4252-4314', 12,000#, 85 RPM, 1600 ft³ @ 500 psi, 12 GPM inj rate. Rig svc. Drill 4314-4378', 12,000#, 85 RPM, 1600 ft³ @ 500 psi, 12 GPM inj rate.

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SAN ISIDRO 12-11 PUD (continued)

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/07/93 TD: 5189	PROGRESS : 811	TOTAL FOOTAGE : 5189
MUD WEIGHT :	VISCOSITY:	WATER LOSS :
WELL STATUS : DR	PBTD :	
CJR ACTIVITY: DRILLING		

11/7/93 Drill 4378-4566', 12,000#, 85 RPM, 1600 ft3, 12 GPM inj rate. Change Grant rotating rubber & rig svc. Drill 4566-4753', 12,000#, 85 RPM, 1600 ft3 @ 12 GPM inj rate. POH to string float. GIH, DS @ 4740' 2-1/4 deg. Drill 4753-5189', 12,000#, 85 RPM, 1600 ft3 @ 500 psi, 12 GPM inj rate.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/08/93 TD: 5395	PROGRESS : 206	TOTAL FOOTAGE : 5395
MUD WEIGHT :	VISCOSITY:	WATER LOSS :
WELL STATUS : DR	PBTD :	
CJR ACTIVITY: LOGGING		

11/8/93 Drill 5189-5220', 12,000#, 90 RPM, 1600 ft3 @ 500 psi, 12 GPM inj rate. Blow well down. POH to string float. GIH, DS @ 5211' 3-1/4 deg. GIH, had 10' fill. Bled pressure off. LD 1 jt DP. Pressure up & WTB w/air. Drill 5220-5395', 12,000#, 90 RPM, 1600 ft3 @ 500 psi, 12 GPM inj rate. Blow hole clean, load hole w/125 bbls 6% KCL water (open hole + 50%). POH to string float. Remove same. GIH, run multi-shot Gyro 5100-100' @ 100' stations. POH to log well. RU Schlumberger. Run DIL, Digital Sonic and GR on 1st run.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/09/93 TD: 5395	PROGRESS :	TOTAL FOOTAGE : 5395
MUD WEIGHT :	VISCOSITY:	WATER LOSS :
WELL STATUS : DR	PBTD :	
CJR ACTIVITY: CLEANING OUT MUD TANK		

11/9/93 Finished 1st run w/DIL, digital sonic & GR (5365-3311'). RU & run 2nd run, DEN/NEU/Spectral GR (5349-3311'). RU & made 3rd run, dipmeter (4882-3311'), tag @ 4882'. RD Schlumberger. Rig repairs. TIH to 3300'. Mix 120 bbl lost circ pill (50 sx cider fiber pill w/6% KCL water to 60 sec/qt visc), 16.6 ppb cider fiber. GIH to 4940', tag obstruction. LD 2 jts. PU kelly. Pump 120 bbl pill. Pump plugged up. Unplug pump & clean out suction pit.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/10/93 TD: 5395	PROGRESS :	TOTAL FOOTAGE : 5395
MUD WEIGHT :	VISCOSITY:	WATER LOSS :
WELL STATUS : DR	PBTD :	
CJR ACTIVITY: WOC		

11/10/93 Unplugged pump, cleaned suction tank, mixed KCL water. POOH into csg @ 3236'. WO target depth. Blew well down @ 3236'. GIH to 3670'. Blew well down w/air unit and blew down again w/air. MU bull plug in jt of 2-7/8" tbg, cut holes in same 10' up for cementing. POOH, LD mule shoe sub. PU perf jt tbg, TIH to 3670'. RU Halliburton, pump 5 bbls 3% KCL wtr. M&P 110 sx Class G premium cement + .75% CFR? (friction reducer) + .25#/sk Flocele mixed w/FW to 17 ppg. Yield-

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.99 ft3/sk. Pumped 1-1/3 bbls 3% KCL wtr behind. POOH 10 stands, pump 5 bbls 6% KCL wtr to clean DP. POH, LD perf joint. PU used J-33 w/no jet. TIH w/DC's & HWDP. WOC plug to harden (will tag plug @ 1000 hrs this date).

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

11/12/93 TD: 5395	PROGRESS :	TOTAL FOOTAGE : 5395
MUD WEIGHT :	VISCOSITY:	WATER LOSS :
WELL STATUS : DR	PBTD : 3465	
CUR ACTIVITY: MU BIT		

11/11/93 WOC. GIH, tag cmt @ 3433. Drill 3433-3450' w/6000 psi, 60 RPM, 1600 ft3 @ 400 psi, injection rate 12 GPM (ROP-120 FPH). WOC. Drill 3950-3465' w/6000 psi, 60 RPM, 1600 ft3 @ 400 psi, injection rate 12 GPM (ROP-80 FPH). Blow hole clean. POOH for kick-off assembly. PU & MU kick-off BHA. TIH to 1910'. LD rig swivel, PU radius swivel. GIH.

11/12/93 GIH to 3346'. GIH w/radius survey tool & GR on WL. RU wet-connect sub. FIH & tagged cmt @ 3465'. Pressure up & blow well. Drill cmt 3465-3526' w/500#, 230 RPM motor, 1600 ft3 @ 750 psi, 40 GPM inj rate. (Drilling rate 90 FPH-cmt too soft to kick off, cmt had 37 hrs on it). Drill cmt 3526-3570', still soft. Load hole w/6% KCL water, circi w/full returns. POOH, stand back BHA (DC's & HWDP). MU mule shoe guide. TIH w/3-1/2" DP to 3570'. RU Haliburton while circ hole w/6% KCL wtr. Cmt w/Halliburton. Pumped 4 bbls 3% KCL wtr ahead, M&P 17.6 bbls standard cmt w/.65% CFR-3 (100 sx). Disp cmt w/1 bbl 3% KCL wtr & 21.6 bbls 6% KCL wtr, spotting balanced plug (plug from 3570-3170'-400'). POH, broke tongs. WO new tongs. Finished OOH.

DAILY COMPLETION COST	:	\$	0	DAILY MUD COST	:	\$
CUM COMPLETION COST	:	\$	0	CUM MUD COST	:	\$
DAILY DRYHOLE COST	:	\$		TOTAL WELL COST	:	\$
CUM DRYHOLE COST	:	\$				

*** END OF REPORT ***