



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

March 11, 1993

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

Western Reserves Oil Company Inc.
P.O. Box 993
Midland, TX 79702

Attn: Chris Renaud

RE: A. T. Hutcherson #2
Unit A, Sec. 9, T9S, R34E

Gentlemen:

We have received your daily report covering work done on the above-referenced well in April 1992, with a request for TA status for this well.

Since the well has been idle for approximately year you will need to justify your plans for this wellbore before we could approve a TA status. In order to obtain a TA status for this well you will also need to set a BP and pressure test the casing.

Unless the well is properly TA'd you will need to plug and abandon.

If you have questions concerning this, please contact me at (505) 393-6161.

Very truly yours,

OIL CONSERVATION DIVISION

Jerry Sexton
Superviosr, District I

ed



DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-025-01810
5 Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6 State Oil & Gas Lease No.

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name A. T. Hutcherson
2. Name of Operator Western Reserves Oil Company Inc.	8. Well No. 2
3. Address of Operator P. O. Box 993, Midland, TX 79702	9. Pool name or Wildcat Jenkins, NW (San Andres)
4. Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>north</u> Line and <u>660</u> Feet From The <u>east</u> Line Section <u>9</u> Township <u>9S</u> Range <u>34E</u> NM/PM <u>Lea</u> County <u></u>	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4257 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OP'NS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. 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.

See attached daily report.

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

SIGNATURE Christopher P. Renaud TITLE Engineer DATE 3-08-93

TYPE OR PRINT NAME Christopher P. Renaud TELEPHONE NO. 915/6853211

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Western Reserves Oil Co. Inc.
North Jenkins Prospect
A. T. Hutcherson No. 2
Unit A, Section 9, T 9 S., R 34 E.
Lea County, NM

Elevation: 4257' GL
4268' KB

DAILY DRILLING REPORT

1992

- 4-03: Contract roustabout crew on location to dig out cellar & expose top of 8-5/8" casing.
- 4-09: Set safety anchors.
- 4-10: Weld on 8-5/8" slip over extension. Nipple up 8-5/8" x 5½" Larkin Fig 92 casing head & NUBOP. MIRUSU & spot reverse unit. Prep to drill out plugs 4-13.
- 4-11: SI.
- 4-12: SI.
- 4-13: Unload 153 jts used 2-7/8" 6.5# N80 tbg & 123 jts used 5½" 15.5# J-55 LT&C & ST&C csg. TIH w/7-7/8" bit, bit sub, 2 4-3/4" drill collars. Hit top cmt plug @ 65' +/- . Drill out cement plug & circ hole clean. TOH & add 4 drill collars to string. TIH w/7-7/8" bit, bit sub, 6 4-3/4" drill collars, xover sub & 2-7/8" tbg. Clean out well to 2382'. Drlg up dehydrated drlg mud. SION @ 7:00 PM CST. Prep to continue cleaning out hole in AM.
- 4-14: Continue cleaning out hole. Drilled 35 sks cmt plug @ 4050'. Clean out hole to 4435'. Drlg intermittent cem stringers. Circ hole clean @ 4435'. PU 7 stands of tbg. SDON @ 7:30 PM CST. Prep to continue cleaning hole in AM & run 5½" csg.
- 4-15: Clean out hole to 4761'+/- . Circ & cond hole for running csg. TOH w/drill string & lay down drill collars. Rig up csg crew. TIH w/5½" float shoe, 1 joint 5½" csg, 5½" float collar, 59 joints used 5½" 15.50 lb/ft ST&C csg, 63 jts used 5½" 17 lb/ft LT&C csg. Ran total of 123 joints 5½" csg, 4752' overall, set at 4,750'. Set 5½" slips & pack off wellhead. Rig up Halliburton to cmt w/250 sks 50/50 Pozmix (Premium Plus) containing 2/10% Halad 9 and 3 lbs/sk Kcl, preceding cmt w/500 gallons of mud flush. Plug down at 8:40 PM CST 4-15-92. Plug held okay. Rig down cementers. SD at 9:30 PM CST 4-15-92.
- 4-16: WOC. Prep to log & perf in AM.
- 4-17: Rig up Halliburton Logging Services. Run GR/Dual Spaced Neutron/CCL from PBTD of 4689'-4200'. Perforate following interval w/4" hollow carrier casing gun w/1 JSPF: 4610'-4634' (25 holes.) Rig down loggers. TIH w/1 joint 2-7/8" tailpipe, 5½" Model "R" packer, SN, 151 jts 2-7/8" tubing. Bottom of tailpipe at 4636'+/- . SD for Easter weekend. Prep to acidize 4-20-92.
- 4-18: SI.
- 4-19: SI.
- 4-20: Rig up Western to acidize w/2,500 gallons 15% NEFE Hcl w/75 gallons mutual solvent. Spot 2 bbls acid across perfs 4610-4634, pick up & lay down 4 joints tubing. PSA 4489', tailpipe at 4519'. Commence breakdown. Formation broke at 2000 psi at 1 BPM. Commence acidizing w/60 bbls acid at 4 BPM dropping 50 ball sealers staged throughout job. Flush

1992

4-20: acid w/34 bbls 2% Kcl wtr. Balled out job 3½ bbls into (cnt) flush. Surge balls off formation & allow balls to drop. Finish flushing acid. ISDP 1800 psi. Min trtg press 2100 psi, max 3500 psi, avg 2600 psi. Avg inj rate 4 BPM. Final shut-in pressure 900 psi in 15 min. 130 BLWTR. Open well to test tank at 10:30 AM. Well flowed for approx 1 hr. Rig up swab. Init fluid level at surface. Swabbed well for 6 hrs, recovered total of 179 BW for day (130 BLW + 49 BW.) Final fluid level 3700' FS. No show oil or gas. Had Western analyze water sample. Results as follows:

S.G.	1,153	T.D. Solids	247304 ppm
pH	7	RW	.06 at 71 F
Iron	25 ppm	Sulfate	1318 ppm
Hardness	36253 ppm	Chlorides	136463 ppm
Calcium	14244 ppm	Sodium	89001 ppm
Magnesium	169 ppm	Kcl	0
Bicarbs	561 ppm		

Water analysis similar to McNulty #1, will continue to swab.

4-21: 14 hr SITP 0 psi. IFL 1800' FS. Swab No. 1 100% water with no show oil or gas. Prep to continue swabbing. Swabbed well 9 hrs, recovered 176 BW with no show oil or gas. Final fluid level 3700' FS. Prep to continue swabbing in AM. Sent water sample from McNulty #1 and Hutcherson #2 in to Western Co. lab for analysis.

4-22: 14 hr SITP 0 psi. IFL 2100' FS. Swab No. 1 100% water with no show oil or gas. Prep to continue swabbing. Will run tracer survey in AM.

4-23: 15 hr SITP 0 psi. IFL 2200' FS. Swab No. 1 100% water with no show oil or gas. Rig up wireline to run tracer survey to determine if well is producing out of zone from 4610-4634. Radioactive tracer survey indicates following:

4607-4620	28% fluid entry
4620-4632	41% fluid entry
4632-4636	31% fluid entry

Temperature survey indicates following:

4610-4638	Major Volume
4638-4676	Minor Volume
4676-TD	Minor Volume

Concluded well is producing "in zone."

Unseat packer & allow well to equalize. TOH w/tubing & packer. TIH w/153 joints 2-7/8" tubing. NDBOP & flange up tubing head. SI well. Release well service unit & all rental equipment. Wait on orders for plug and abandonment.

FINAL REPORT