

Submit 3 Copies
to Appropriate
District Office.

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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.
5. Indicate Type of Lease: STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. K-1459
7. Lease Name or Unit Agreement Name Red Hills Unit
8. Well No. 1
9. Pool name or Wildcat Red Hills Penn. (Gas)

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. Name of Operator Union Oil Company of California
3. Address of Operator P.O. Box 671 - Midland, Texas 79702
4. Well Location Unit Letter <u>0</u> : <u>330</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>32</u> Township <u>25-S</u> Range <u>33-E</u> NMPM <u>Lea</u> County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>3415' KB</u>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER: <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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 procedure to clean out tubing
and 6 5/8" liner & produce AtoKa perfs.

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

SIGNATURE J.R. Hughes TITLE Dir. Supt. DATE 8-18-89

TYPE OR PRINT NAME J.R. Hughes TELEPHONE NO. 915-682-9731

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

AUG 21 1989

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNION OIL COMPANY OF CALIFORNIA
CENTRAL REGION
MIDLAND DISTRICT
CONDITION OF HOLE & PROCEDURE

FIELD: Red Hills AREA: West Permian
LEASE/UNIT: RED HILLS UNIT WELL NO. 1

REASON FOR WORK: To clean out tubing & 6-5/8" liner & produce Atoka perfs.

CONDITION OF HOLE:

TOTAL DEPTH: 21,321' ETD or
FBTD: 14,869' DATUM IS 24' ABOVE GL

CASING RECORD: 20" 94# H-40 csg @ 804', cmt'd w/2550 sxs - Circ cmt
13-3/8" 73.68 & 61# N-80 J-55 & S-80 csg @ 6155' - Circ cmt
10-3/4" 60.70# P-110 @ 12,938', cmt'd w/1235 sxs - TOC @ 6640'
8-5/8" 49# P-110 liner 12,202-16,952', cmt'd w/1100 sxs cmt
7-5/8" 33.70 & 39# P-110 tie-back string surf-12,202', cmt'd w/225 sxs
~~PERFORATIONS:~~ 6-5/8" 28# P-110 liner 12,202-16,952', cmt'd w/1100 sxs cmt
4-1/2" 14.98# P-110 liner 16,700-18,094', cmt'd w/265 sxs cmt

PERFORATIONS: Upper Atoka 14,607-11, 14,618-32, 14,643-52, 14,658-62, 14,706-12,
14,716-21, 14,737-42, 14,748-52, 14,758-64, 14,772-76,
~~TUBING DETAIL:~~ 14,784-88' (88 shots)
Wolfcamp 13,440-46, 13,469-74, 13,490-98, 13,504-12, 13,622-43
13,659-57' (220 shots)

TUBING DETAIL:

~~XXXXXXXXXXXXXXXXXXXX~~ 435 jts (13,797') 2-7/8" 6.5# P-105 CS Hydril tbg w/7-5/8" type
HS-21-2-C Brown Oil tool dual hydraulic pkr @ 12,052' & Baker pkrs @
13,734' & 13,740'.
391 jts (12,085') 2-7/8" 6.5# P-105 CS Hydril tbg @ 12,110' landed in
Dual pkr @ 12,052'

REGULATORY AGENCY REQUIREMENTS:

PROCEDURE:

1. Rig up mast truck. Rig up 10,000 psi lubricator. RIH w/2-1/8" guage ring w/CCL to btm of long string @ 13,805' or as deep as possible. POOH w/tools. Set back pres valves in both strings of tbg.
2. Remove tree. Send in & have inspected & tested.
3. Install tree. Remove back pres valve from long string (Atoka).
4. MI RU Snubbing unit & mud mixing facilities.
5. Pick up 2-1/8" mill, 2 back pres valves, 2000' of 1-1/4" 3.02# N-80 CS Hydril tbg & 1-1/2" 3.64# P-110 CS Hydril tbg to 13,805'-btm of 2-7/8" tbg.

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HORRAT 2169

PROCEDURE - Continued - Page 2
RED HILLS UNIT WELL NO. 1
Red Hills
Lea County, New Mexico

6. Displace hole w/10 ppg slick brine wtr. Circ hole clean.
7. Test 2-7/8" tbg to 5000 psi w/10 ppg mud.
8. If tbg tests OK, start washing down. Wash each jt down several times & circ btms up, each jt.
9. After pres is encountered, shut well in & let stabilize. Should be approx 4000 psi on 1-1/2 X 2-7/8" annulus.
10. Continue washing down, holding stabilized pres on 1-1/2 X 2-7/8" annulus.
11. Wash down to ¹⁴8,869' ETD. At ETD circ until well cleans up. Reciporocate tbg while circulating.
12. After well cleans up, POOH, maintain stabilized shut in pres on 1-1/2 X 2-7/8" annulus, while pulling out. Keep 2-7/8" tbg full of 10 ppg mud.
13. After pulling out of hole, flow well until clean. Flow @ low rate.
14. After well has cleaned up, rig down snubbing unit.