

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-025-21325

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

JUSTIS SWD

8. Well No.

H-2

9. Pool name or Wildcat
SAN ANDRES

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 SWD Well

2. Name of Operator

RICE OPERATING COMPANY

3. Address of Operator

122 W. TAYLOR, HOBBS, NM 88240

4. Well Location

Unit Letter H : 1980 feet from the NORTH line and 660 feet from the EAST line

Section 2 Township 26S Range 37E NMPM LEA County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3025' GL; 3033' KB

11. 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 / CEMENT JOB ☐

OTHER: ☐

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

INSTALL INJECTION PACKER PURSUANT TO NM UIC LETTER 12-01-99: GENERIC PROCEDURE ATTACHED

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

SIGNATURE Carolyn Doran Haynes TITLE OPERATIONS ENGINEER DATE 5-3-00

Type or print name CAROLYN DORAN HAYNES

Telephone No. 505-393-9174

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

5
7
5

KB: 3033'
GL: 3025'

JUSTIS SWDW H-2
1980' FNL & 660' FEL
Sec. 2, T26S, R37E
LEA CO., NM.

FEE LAND
API# 30-025-21325

11" HOLE
350 SX

8 5/8" 24# J55
w 916'

ANNY 865'
SALT 975'
B/SALT 2340'

TUC BEHIND (9-22-68) YATES 2490
5 1/2" CSG w 900'

GRAYBURG 3540'

3 1/2" X 5 1/2" 14# FT ANNULUS

7 7/8"

705 SX
100 SX

113 JTS OF 3 1/2" OD EUE BRD
J-55 9.3" DUOLINE w 3517'

$$0.0125 \frac{\text{BBL}}{\text{FT}} \times 3553' = 44.33$$

5 1/2" 14# J-55 8RT GLORIETA 5050'
w 3553' BLINBRY 5615'

EX-ANNUAL
DISPOSAL
ZONE

CLEANED OUT OH
TO 4367' AND A2.
w/ 5000 GALS 15%

MOST RECENT BHP SURVEY 10-11-1978

1301 psi w 3550' GRAD. = .516 psi/f

1-30-69: ANNULUS WAS FILLED WITH 45 BB
OF 37.7° API LEASE CRUDE. SICP

PBTD w 5616'
CMI PLUG

ID w 6865'

BHP (2-21-74) 1262# w 3550'
SOME 45° API CRUDE ADDED.

ASSUME BHP HAS DECLINED TO CURRENT VALUE w SAME RATE AS
IT HAS BETWEEN '74 & '78 $\frac{1301-1262}{4 \frac{1}{3} \text{ yr}} = 8.35 \text{ psi/yr} \times 7.2 \text{ yrs} \approx 60 \text{ psi}$
DECREASE SINCE 10-11

BY 1-1-86 \therefore ABOUT 1241 psi

ASSUME ANNULAR OIL BLANKET IS ABOUT 40° API (S.G. = 0.825 OR
0.357 psi/ft) THEN HSP = $(0.357 \frac{\text{psi}}{\text{ft}})(3517') = 1256 \text{ psi}$

PER 1-3-86 REPORT SICP = 25 psi

$$\text{SICP} = \text{BHP} - \text{HSP}$$

$$\text{IF HSP} = 1256 \text{ psi} \quad \text{BHP} = \text{SICP} + \text{HSP} = 25 + 1256 = 1281 \text{ psi}$$

BECAUSE IT WAS 1262 2-21-74

$$\text{THEN IF BHP} = 1241 \text{ psi} \quad \text{HSP} = \text{BHP} - \text{SICP} = 1241 - 25 = 1216 \text{ psi}$$

$$\text{GRAD} = \frac{1216}{3517} = 0.346 \text{ psi/ft} \quad \text{SG} = 0.8 \text{ OR } 45^\circ \text{ API}$$

RICE OPERATING COMPANY
GENERIC PROCEDURE FOR SWD WELLS
INSTALL IPC TUBING AND PACKERS

1. Prepare location for pulling unit: anchors, base, etc. Bleed-off well if pressurized.
2. Move in and rig up on location with pulling unit. Nipple-down wellhead and nipple-up BOP. Plumb back-flow line to tank if necessary. Set 2 7/8" work string on pipe racks.
3. Trip out of hole with injection string laying down on pipe racks. For Duoline tubing, have Rice Duoline representative on location. Record static fluid level.
4. Pick up mill tooth bit on work string and trip in hole. Tag for fill. Go in hole with casing scraper if necessary. POOH.
5. Rig up wire line (Computalog) and log well, especially in area to set packer.
6. Go in hole with Packer and Plug to check casing integrity. Repair casing as necessary.
7. Rig up pipe testers and go in hole with injection packer on injection string. Pump packer fluid and set packer within 100' of injection interval.
8. Nipple down BOP and nipple up well head. Finish filling casing annulus with packer fluid and prepare for MIT testing.
9. Perform MIT. Rig pulling unit down. Clean-up location.

NMOCD, Hobbs Office, will be notified 24 hours in advance of MIT.