

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

RECEIVED  
FEB 25 1991

O. C. D.

ARTESIA, OFFICE

WELL API NO. 30-015-26452
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name PEOC "34" State Comm
8. Well No. 1
9. Pool name or Wildcat Empire South Morrow

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 Bettis, Boyle & Stovall	
3. Address of Operator P. O. Box 1240, Graham, Texas 76046	
4. Well Location Unit Letter <u>J</u> : <u>2220</u> Feet From The <u>south</u> Line and <u>1765</u> Feet From The <u>east</u> Line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3660.3' 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Completion Report <input checked="" 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.

12/26/90: Installed BOP. Unloaded 2 7/8" 5.903/ft., N-80 and P-105 Atlas Bradford DSSHI and PH6 tubing. Ran bit, casing scraper and tubing in hole.

12/27/90: Bit stopped at 10,329' K.B. Wash down from 10,329' - 10,341'. Circulate out drilling mud and formation cuttings. Pick up to 10,310', pressure up on casing and pump in at 1200 psig at 1.9 BPM. Shut down pump, check 5" X 9 5/8" annulus, 1000 psig on annulus and 5" casing, bled off both to -0- psig. Started pulling out of the hole

12/28/90: Picked up GR-collar locator (3.375" OD). Nose guide has several marks on it going in. Logged approximately 4' space between casing top and bottom (Tool trying to catch on top side).

1/2/90: Welded 10' cut-off joint on 5" casing. Pick up 40,000# weight and found string to be free. Nipple up BOP with 5" rams. Pull out of the hole with 1 cut-off joint, 58 joints and 1 parted joint (29.70') in length (approximately 2300'). Casing tally

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

SIGNATURE

TITLE

DATE

TYPE OR PRINT NAME

TELEPHONE NO. (915) 653-5511

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

TITLE

DATE

MAR 28 1991

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

indicates 4.26' of parted joint in hole.

1/3/91: Ran 6 5/8" dress off mill with 7 3/8" O.D. guide; (1) 4 3/4" collar and 73 joints 2 7/8" tubing to casing stub at 2310' K.B. Milled 6" off stub in 2 hours. Pulled out of the hole.

1/8/91: Ran 5" Bowen Casing bowl, and 59 joints of casing; 23.20#/ft., P-110, LT&C. Tied on to casing stub at 2305' K.B.; pulled 50,000# over weight (90,000# total). Set casing slips with 20,000#. Pressured casing to 1000 psig for 15 minutes O.K.

1/9/91: Day -9-  
Trip in hole to 10,308' K.B. PBD at 10,375' K.B. Spotted 250 gallons 10% MSA at 10,344' K.B.

1/10/91: Ran GR-CBL from PBD of 10,350' to 5800' K.B., Top of cement at 6045' K.B. 100% bonding indicated through most of the cemented interval. Perforated from 10,336' to 10,346' K.B. with 21 holes (3.375" premium casing gun - 0.45" diameter holes).

1/11/91: Finished going in the hole with tubing to 10,294' K.B. Set packer at 10,294' K.B. with 14,000# tension, Halliburton displaced acid with 6 barrels; formation started taking fluid at 3600 psig, maximum pressure 3900 psig, average pressure 3800 psig, 0.2 BPM. ISIP 3400 psig, in 10 minutes 1000 psig. Total load to recover is 41 barrels. Rigged up to swab, made 8 runs, recovered 22 barrels load with slight show of gas last run.

1/12/91: 14 hour SITP 1700 psig. Opened well on 13/64" choke for 30 minutes, then increased to 20/64" choke, blew down in 55 minutes. Rig up to swab, Initial fluid level at 4000' from surface, made 5 runs, recovered estimated 8 barrels load water (7600' max); kicked off and flowed. Flowed 30 minutes on 24/64" choke, open at 550 psig, down 240 psig. (800 MCF/day rate). Acidized perforations 10,336' - 46' K.B. with 5000 gallons 7.5% Moroflo BC acid using 40 ball sealers. Flushed with 2% KCl water. All fluids contained 1000 SCF/bbl. Maximum pressure at ball out 7680 psig. ISIP 5140 psig, in 5 minutes 4990 psig, in 10 minutes 4880 psig, in 15 minutes 4790 psig, average rate 3.9 BPM. Opened well to pit at 1:45 PM.

1:45 PM SITP 1200 psig Open on 13/64" choke.

2:30 PM FTP 0 psig Rig up swab. Make 5 swab runs/2 hours.

4:30 PM FTP 0 psig Well started flowing. Rig down swab.

11:00 PM FTP 50 psig

1/13/91:  
2:00 AM FTP 45 psig Lighter vapor cloud and small spray of water.

7:00 AM FTP 32 psig Shut in and put out fire. Open well and flow with heavy spray water. Water sample - milky white with yellow tint. Shut in.

10:30 AM 3 1/2 hour SITP 1600 psig.  
left well shut in.

1/14/91: 7:00 AM SITP 2000 psig; rig down unit. 2:00 PM 31 hour SITP 2080 psig. Opened well to pit on 1/4" choke, gradually increased to 3/4" choke, fluid to surface in 30 minutes. In 60 minutes, FTP 70 psig (3,000 psig gauge). Gas with heavy mist with small slugs of liquid. Shut well in for 2 hours, SITP 1650 psig. Opened on 24/64" choke (15 minutes), reduced to 18/64" due to fire hazard, in 45 minutes FTP 850 psig.

1/15/91: 14.5 hour SITP 1820 psig. Open well on 16/64" choke, in 5 minutes FTP 1650 psig. After open a total of 60 minutes FTP 51 psig. Shut well in, at 4:30 PM 7 hour SITP 1670 psig. Opened up well on 16/64" choke. In 5 minutes FTP 1100 psig. In 60 minutes FTP 60 psig, on a 48/64" choke, light spray with small stream of water. 15 minute SITP 500 psig.

1/16/91: 11:00 AM Shut in tubing pressure 1600 psig. Open on a 14/64" choke, pressure 1200 psig. At 11:30 AM on a 48/64" choke, tubing pressure -0-, light blow, unloaded water, light mist of water.

1/17/91: SITP 1350 psig. Open well to flow went from a 14/64" choke to 48/64" choke in 30 minutes, FTP -0- psig, unloaded water approximately 1/2 barrel. After a total of 45 minutes being open FTP 100 psig flowed for approximately one hour and tapered off to 50 psig and flowed at 50 psig for 4 hours, estimated 300-400 MCF/day. Shut well back in for build up.