

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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

5. Lease Designation and Serial No.

LC-068721

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. 8

BOGLE FLATS UNIT

9. API Well No.

30-105-10720

10. Field and Pool, or Exploratory Area

INDIAN BASIN

11. County or Parish, State
EDDY

NEW MEXICO

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ORYX ENERGY COMPANY

3. Address and Telephone No.

P.O. BOX 2880 DALLAS, TX 75221-2880

(214) 715-4828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
5-22S-23E

1650' FNL & 1650' FEL

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 _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and 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 locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. SET CMT RETAINER @ 7112.
2. SQUEEZE PERS 7114-7208 W 50 SKS CMT.
3. RE-PERF FROM 6951-7097.
4. ACIDIZE PERFS
5. RETURN WELL TO PRODUCTION

SEE ATTACHED PROCEDURE AND WELL BEFORE & AFTER SKETCH

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

Signed Rod L. Bailey ROD L. BAILEY

Title STAFF PROF. PRORATION ANALYST

Date 03/14/95

(This space for Federal or State office use)

Approved by (SIGNED) JOE G. LARA

Title PETROLEUM ENGINEER

Date 4/7/95

Conditions of approval, if any:

DATE: March 1, 1995

WELL NAME: BOGLE FLATS UNIT #8
FIELD: INDIAN BASIN FIELD
LOCATION: EDDY COUNTY, NEW MEXICO

DATA

Permanent Zero Point: ZERO = KB = 11' AGL
PBSD: 7500'
Casing Size, Weight, Depth: 4-1/2" 9.5# J-55
Retainer: NONE
Packer Type & Depth: BKR MOD 'D' 4-1/2" @ 6900'
Tubing Size, Weight, Type, Depth: 2-7/8", 6.5#, J-55 @ 6900'
TOC: 5633'
Log:
Perfs (Formation & Depth): UPPER PENN 6951-61', 78-81, 84-89, 6996-7001,
7012-26, 36-45, 57-97, 7114-20, 7126-38, 53-62, 77-81, 7187-7208'

PROCEDURE

1. MIRU.
2. KILL WELL W/2% KCL WTR (EST BHP = 950 PSIG. MUD WT EQUIV = 2.6 PPG). RU SLICKLINE. RIH AND SET BLANKING PLUG IN NIPPLE AT APPROX 6840'.
3. ND WH. NU BOPS W/2-7/8" PIPE AND BLIND RAMS (EQUIP W/VALVE OUTLET BELOW BLINDS). INSTALL 2-WAY BACK PRESSURE VALVE IN TUBING HANGER. TEST PIPE AND BLIND RAMS TO 1500 PSI. REMOVE BPV. STING OUT OF MOD 'D' PKR. POOH AND RACK BACK 2-7/8" PRODUCTION STRING. MAINTAIN WELL CONTROL BY PUMPING DOWN BACKSIDE AS NECESSARY.
4. CHANGE OUT PIPE RAMS FOR 2-3/8" WORKSTRING. PU 2-3/8", N-80 WORKSTRING. RIH W/BAKER 'CJ' MILLING TOOL. TAG BAKER MOD 'D' PKR @ 6900'. DRILL OUT AND PUSH TO BOTTOM. POOH.

NOTE: TOP OF FILL TAGGED AT 7169' W/1" PRODUCTION LOGGING TOOL ON 2-15-95.

5. RU EL. INSTALL PACK OFF AND TEST TO 1500 PSI. RIH AND SET EZSV AT 7112' CORRELATED TO McCULLOUGH GR-CCL DATED 12-28-65. POOH. RD EL.
6. RIH W/2-3/8" WS. STING INTO EZSV @ 7112'. EST INJECTION RATE.

7. RU HALLIBURTON. MIX AND PUMP 50 SX. CMT INTO ZONE PER ATTACHED SQUEEZE RECOMMENDATION.
8. RU FULL LUBRICATOR AND TEST TO 1500 PSI. RIH W/3-3/8" HYPER II, 4 SPF, 90 DEG SPIRAL PHASING, 15 GR. PERFORATE THE FOLLOWING INTERVALS CORRELATED TO McCULLOUGH GR-CCL, 12-28-65:
 - A. 6951-61'
 - B. 6978-81'
 - C. 6984-89'
 - D. 6996-7001'
 - E. 7012-26'
 - F. 7036-45'
 - G. 7057-97'
 - H. RD SCHLUMBERGER
9. RIH W/MECHANICAL COLLAR LOCATOR, 4-1/2" PIN POINT INJECTION PACKER W/2 FT SPACING, AND 2-3/8" API SEATING NIPPLE ON 2-3/8" N-80 TUBING TO +/- 6900'. RU HALLIBURTON. PRESSURE TEST SURFACE LINES TO 4000 PSI.
10. PUMP TUBING PICKLE TREATMENT CONSISTING OF 500 GALLONS 15% FEHCL FOLLOWED BY 2% KCL. REVERSE OUT IF POSSIBLE.
11. DROP PPI STANDING VALVE AND RETRIEVABLE FLUID CONTROL VALVE. PRESSURE TEST TUBING TO 4000 PSI.
12. RIH TO 7097' DOPE PIN END SPARINGLY. ACIDIZE PERFS WITH 2' SPACING USING 15% FE HCL AS FOLLOWS:
 - A. 7057-7097' W/50 GALS/FT
 - B. 7036-7045' W/120 GALS/FT
 - C. 7012-7026' W/120 GALS/FT
 - D. 6996-7001' W/120 GALS/FT
 - E. 6984-6989' W/120 GALS/FT
 - F. 6978-6981' W/120 GALS/FT
 - G. 6951-6961' W/120 GALS/FT

Limit injection pressure?

PUMP AT 1-2 BPM. IF NECESSARY, PUMP 2% KCL DOWN BACKSIDE WHEN MAKING SURFACE CONNECTION.

13. FLUSH TO EOT W/2% KCL. RU SLICKLINE. RETRIEVE RFC AND STANDING VALVE. POOH.
14. CHANGE PIPE RAMS FOR 2-7/8" PRODUCTION STRING. RIH W/BAKER MODEL 'R' PKR (OR EQUIV, 2.0 IN ID), SEATING NIPPLE AND 2-7/8" PRODUCTION STRING TO 6870'. SPACE-OUT.
15. RU SLICKLINE. SET PLUG IN SEATING NIPPLE AT APPROX 6865'. TEST TBG TO 1500 PSI. RETRIEVE PLUG.
16. CIRC AROUND 2% KCL TREATED W/TRETOLITE KW-79 @ 1 GAL/1000 GAL FOR PACKER FLUID. IF UNABLE TO CIRC, PUMP 56 BBLS DOWN BACKSIDE AND SET PACKER AT 6870'.
17. INSTALL BPV IN TBG. HANGER. ND BOPS. NU WELLHEAD. TEST TO 1500 PSI. RETRIEVE BPV.
18. FLOW/SWAB WELL. MONITOR CHLORIDES IN WATER.

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL

BOGLE FLATS UNIT #8

FIELD

INDIAN BASIN FIELD

DATE

September 15, 1992



PRESENT COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

Zero = KB = 13.9' AGL

1 7/8" 4 1/2" →

13-3/8" 48# H-SS @ 221'
w/ 300 SXS CIRC

12 1/4" 4 1/2" →

8-5/8" 24# J-SS @ 2000'
w/ 1375 SXS - CIRC

7-7/8" 4 1/2" →

TOC ≈ 5633 (TS) →

4 1/2" 9.5# J-SS @
7500' w/ 350 SXS

DATA ON THIS COMPLETION

2-7/8" 6.5# J-SS @ 6900'
w/ Turned Downed
Collars OD ≈ 3.460"Locator Seal Assy (1.312
I.D.)

4 1/2" 2KR 1100# D @ 6900'

Upper Perm (6951-61
6978-81, 6984-89, 6996-7
7018-26, 7036-45, 7057-9
7114-120, 7126-38, 7153-
7177-81, 7187-7208)
@ 2 Spf, w/ 3 1/8" D_{max}
(B.Sgm)

WELL COMPLETION SKETCHES SUN-5038-4-A

WELL

Bogle Flats # 8

FIELD

Indian Basin

DATE

2-20-95



PRESENT COMPLETION



SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

KB = 13.9' AGL

13 3/8" 48# H-55 @ 221'
 Circ. w/ 300 SXS in 17 1/2"
 hole

8 5/8" 24# J-55 @ 2000'
 Circ. w/ 1375 SXS in 12 1/4" hole

TDC @ 5633' (TS)

4 1/2" 9.5# J-55 @ 7500'
 Cont'd. w/ 750 SXS,
 TD - PBTD = 7500'

DATA ON THIS COMPLETION

① 2-7/8" 6.5# J-55 @ 6890'
 w/ turned down
 collars (O.D. = 3.46")

② seating nipple @ 6888'
 ③ Model R' pkr @ 6890'
 (2.0 in ID)
 or equiv.

Upper Perm -
 6951-61, 6978-81,
 6984-89, 6996-7001,
 7012-26, 7036-45,
 7057-97
 perf w/ 3 1/8" Dynajet
 ④ 2 srf w/ eq. m. charge

Cont. Retained @ 7112'
 perms fr. 7114-126,
 7126-38, 7153-67,
 7177-81, 7187-7208'

