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OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: LC067832-A

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation: WEST INDIAN BASIN

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.: #2 WEST INDIAN BASIN UNIT

2. Name of Operator: ORYX ENERGY COMPANY

9. API Well No.: 30-015-~~10000~~ 10282

3. Address and Telephone No.: P.O. BOX 2880 DALLAS, TX 75221-2880

10. Field and Pool, or Exploratory Area: INDIAN BASIN UPPER PENN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UNIT LTR. G, 1965' FNL, 1659' FEL
SEC20-T21S-R23E

11. County or Parish, State: EDDY, NEW MEXICO

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other _____	☐ 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. MIRU PREPARE TO FRAC WELL.

2. RETRIVE TOOL IN HOLE.

3. FRAC UPPER PENN FORMATION.

SEE ATTATCHED PROCEDURE.

NOTE: THIS IS IN LIEU OF TA OR P&A WELL AS DISCUSSED WITH MARK PEAVY OF ORYX ENERGY COMPANY AND MR. JIM AMOS OF THE BLM IN A CONVERSATION VIA PHONE DATED: 05/~~10~~/95.

RECEIVED
JUN 29 1995
OIL CON. DIV.
DIST. 2

14. I hereby certify that the foregoing is true and correct
Signed ROD L. BAILEY Title STAFF PRORATION ANALYST Date 05/11/95

(This space for Federal or State office use)
Approved by Orig. Signed by Adam Salameh Title Petroleum Engineer Date 6/27/95
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

DATE: May 2, 1995

WELL NAME: WEST INDIAN BASIN #2 S/T
FIELD: INDIAN BASIN
LOCATION: 1965' FNL & 1659' FEL, SEC 20-21S-23E
EDDY, NEW MEXICO

DATA

Permanent Zero Point: ..... 13' AGB

PBTD: ..... 7425', CIBP @ 6900'

Casing Size, Weight, Depth: ..... 5-1/2", 15.5/17#, J-55 @ 7541'

Retainer: .....

Packer Type & Depth: ..... N/A

Tubing Size, Weight, Type, Depth: ..... N/A

TOC: ..... 1655, TEMP SURVEY

Log: ..... GR/CCL/CBL, 1-8-94 NEUTRON DIL

Perfs (Formation & Depth): ..... UPPER PENN 7238-42', 50-56', 60-78'

PROCEDURE

NOTE: THE ZONE TO BE TESTED MAY CONTAIN H_2S--PROPER SAFETY PRECAUTIONS SHOULD BE EXERCISED.

1. MIRU W/O RIG. LOAD HOLE W/2% KCL. INSTALL BOPs AND TEST. RIH W/3-1/8" OVERSHOT ON 2-7/8" 6.5#, N-80 WS TO 6900'. REVERSE OUT HOLE. LATCH CCL/SETTING TOOL. POOH.

2. RIH W/MEDIUM-LONG TOOTH BIT. DRILL OUT CIBP. PUSH TO BOTTOM (7425'). MONITOR CUTTINGS. CIBP STUCK @ 6900' ON 3/9/94.

3. RIH W/BAKER MODEL 'F-1' ON WORKSTRING. SET @ 7200'. POOH.

4. RIH W/'F-1' SEALS (ID = 2.25 IN), 'F' NIPPLE, ON-OFF TOOL (ID = 2.25 IN), BLAST JT ON 2-7/8" WS. INTERNALLY TEST CONNECTIONS TO 10,000 PSI.

5. LAND PKR SEALS & SPACE-OUT WS. TEST BACKSIDE TO 10,000 PSI. RD BOPs. RU WELLHEAD. INSTALL 10K TREESAVER.

   NOTE: SHOULD FLUID LOSS BE SEVERE, SET PLUG IN 'F' NIPPLE PRIOR TO REMOVING BOPS. REMOVE PLUG AFTER INSTALLING WELLHEAD.

6. RU BJ AND SURFACE TESTING EQUIPMENT FOR IMMEDIATE FLOWBACK. TEST LINES TO 10,000 PSI.

7. HOLD SAFETY MEETING AND FRAC UPPER PENN AS FOLLOWS:

   A. PUMP 1000 GALS 15% HCL WITH ADDITIVES.
   B. PUMP 3000 GALS PREPAD FLUID WITH ADDITIVES.
   C. PUMP FRAC @ 18 BPM AS FOLLOWS USING SPECTRA FRAC 3000 (CROSS-LINKED BORATE GEL) AND 20/40 ECONOPROP.

	CLEAN VOL (GALS)	SAND CONC (PPG)	SAND VOL (LBS)	TOTAL (LBS)
1	14000	PAD	0	0
2	2800	0–1	1389	1389
3	2800	1–2	4190	5579
4	2800	2–3	6990	12569
5	2800	3–4	9791	22360
6	2000	4	8000	30360

   NOTE: EXPECTED SURFACE TREATING PRESSURE @ 7158 PSI.

8. BEGIN FORCED CLOSURE AND FLOW BACK IMMEDIATELY AFTER FRACING.

9. REMOVE TREESAVER AND RD BJ.

10. MONITOR PRODUCTION FOR 24–48 HRS.

    A. IF SUCCESSFUL, RD RIG AND RTP.
    B. IF UNSUCCESSFUL, RD WELLHEAD, RU BOPs, POOH W/WS. RIH W/MODEL 'F' PULLING TOOL AND RECOVER PKR. POOH. P&A WELL PER EXISTING PROCEDURE.

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL: WIBU #2 S/T | FIELD: Indian Basin | DATE: 7-20-94

☒ PRESENT COMPLETION ☐ SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

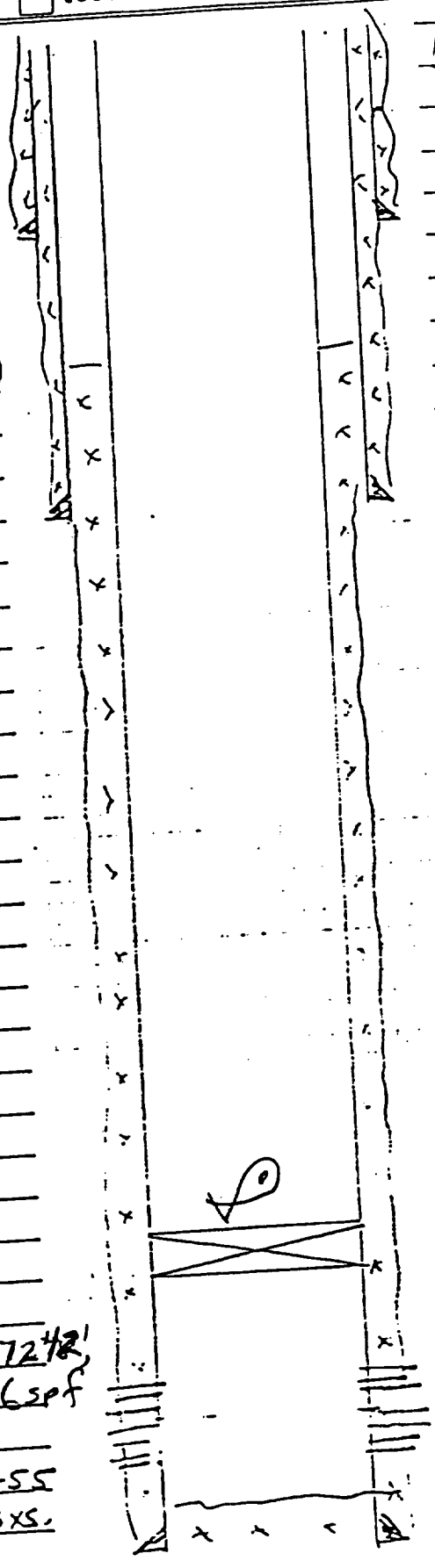
13-3/8", 48# @ 188' w/ 200 sxs, cmt. circ.

TOC @ +/- 1655' (TS)

8 5/8", 24# @ 1882' w/ 900 sxs. cmt. circ.

Upper Penn ft. 7238-72 42', 7250-56, 7260-78', 6spf

5 1/2", 15.5 & 17# J-55 @ 7514' w/ 465 sxs.



DATA ON THIS COMPLETION

KB = 13' AGL

@ -8' Baker setting tool.

CIBP @ 6900'

PBTD @ 7425'

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL	FIELD	DATE
WIBU #2 S/T	Indian Basin	5-1-95

☐ PRESENT COMPLETION ☒ SUGGESTED COMPLETION

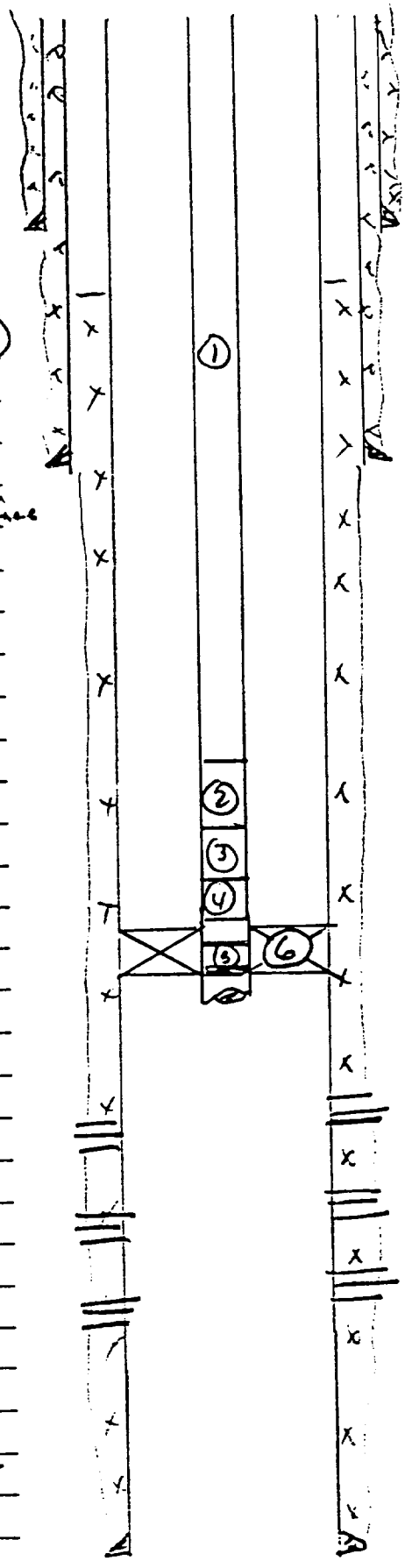
PERMANENT WELL BORE DATA

13-3/8", 48# @ 188'
cmt'd w/ 200 sxs. (circ.)

TOC @ 1655' (TS)

8-5/8", 24# @ 1882'
cmt'd w/ 900 sxs. to surface

5 1/2", 15.5#/17.0#, J-55
@ 7514'. cmt'd w/



DATA ON THIS COMPLETION

KB - 13' AGL.

1. - 2 7/8", 6.5#, N-80 tbg.
2. 2 7/8" blast jt.
3. On-off tool
4. 'F' nipple
5. 2' seals
6. Baker 'F-1' pkr. @ 7200'

Upper Penn
7238-7242',
50-56', 60-78',
@ 6 spf

PBTD @ 7425'
TD = 7541'