

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 20 1992

O. C. B.
WELLS

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ORyx ENERGY Co. ✓

3. Address and Telephone No.

P.O. Box 2880 DALLAS, TEXAS 75221-2880

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit G 1980 ENL & 1650' FEI Section 20 T21S R23E Eddy, New Mexico

5. Lease Designation and Serial No.

NM LCO 67832 A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

West Indian Basin Unit #2

9. API Well No.

30-015-10209

10. Field and Pool, or Exploratory Area

INDIAN BASIN

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

☒ 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.)*

ORyx ENERGY request permission to repair casing leak in the well as per attached procedure.

RECEIVED
Aug 10 8 33 AM '92
CATTLE
AREA

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

Signed Don Aldridge

Title Proration Analyst

Date 8-5-92

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date 8/18/92

West Indian Basin Unit #2

Objective: Approval to repair casing leak in WIBU #2 by cementing $3\frac{1}{2}$ " CSG inside current $4\frac{1}{2}$ " CSG To surface. Also, cementing $4\frac{1}{2}$ " x $8\frac{5}{8}$ " Annulus To surface. Run $2\frac{1}{16}$ " Tbg w/ PKR and Place well back on Production.

Procedure:

1. RIH w/ $3\frac{7}{8}$ " RB, 6 - $3\frac{1}{8}$ " DC's on $2\frac{3}{8}$ " 4.7# N-80 Tbg. CLEAN OUT TO 7136'. DRILL OUT CEMENT RET and clean out TO 7250. Mud up as necessary.
2. POH w/ $2\frac{3}{8}$ " Tbg, DC's, & RB.
3. RIH w/ $4\frac{1}{2}$ " PKR on $2\frac{3}{8}$ " 4.7# N-80 Tbg. SET PKR @ $\pm 7000'$. SWB TO TST Upper PENN (7069-7127). A decision will then be made whether OR NOT to add PERFS.
4. If commercial, proceed to Run New Casing.
5. Plug Back $4\frac{1}{2}$ " CSG w/ SD From 7250' TO 7000' (225 cu-ft)
6. RIH w/ $3\frac{1}{2}$ " 9.2# J-55 10 Rd IJ CSG TO 7000'.
7. Run CEMENTER. CMT $3\frac{1}{2}$ " in place CRC TO SURF. Also spz CMT DWN $4\frac{1}{2}$ " x $8\frac{5}{8}$ " Annulus AS NECESSARY.

8. RIH w/ $2\frac{3}{4}$ " RB ON $2\frac{1}{16}$ " 3.25# J-55 IS T_{bg} TO $\pm 7000'$ CLEAN
OUT CMT/SD TO 7250'. Poth.

9. RIH w/ $3\frac{1}{2}$ " PKR ON $2\frac{1}{16}$ " 3.25# J-55 IS T_{bg} & SET PKR
@ $\pm 6950'$.

10. SWB Well in Flow to Production Equipment.

11. RR.

WELL COMPLETION SKETCHES SUN-5036.4-A

WELL

WEST INDIAN BASIN #2

FIELD

INDIAN BASIN

DATE

6-19-92



PRESENT COMPLETION



SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

Zero = KB = 13 AGL

13 7/8" 48# @ 188' w/
200 SKS CIRC

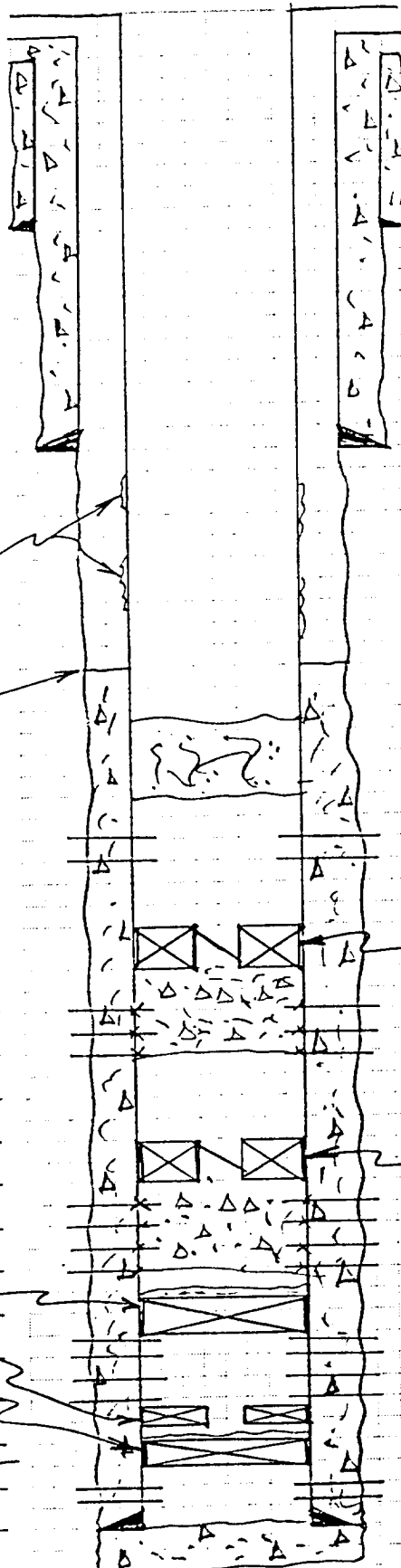
8-5/8" 24# @ 1882'
w/ 900 SKS CIRC

CSG LKS 2500-5700'

TOC ≈ 6400' Calc
Using 7 7/8" Hole 80% Fill
118 yield

SET CIBP @ 7305'
Stuck RBP @ 7426'
SET CIBP @ 7470'

4 1/2" 9.5, 10.5, 11.6 # J-55
@ 7665' w/ 300 SKS



Fill @ 6880'

Upper Penn: (7069-76
83-87, 93-7100, 7112-27

CMT RET @ 7136 w/
100 SKS CMT

(7146-56 59-87, 92-94
7200-09 14-31 36-45)

CMT RET @ 7250 w/
50 SKS CMT
CISCO (7254-62)

Upper Penn:
(7322-36 42-58 89-7406)
CANYON (7528-40, 7546-54,
SQZ w/ 35 SKS
SD. DRILL, 7530, 32, 34, 36, 38, 40,

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL WEST INDIAN BASIN #2 FIELD INDIAN BASIN DATE 8-5-92

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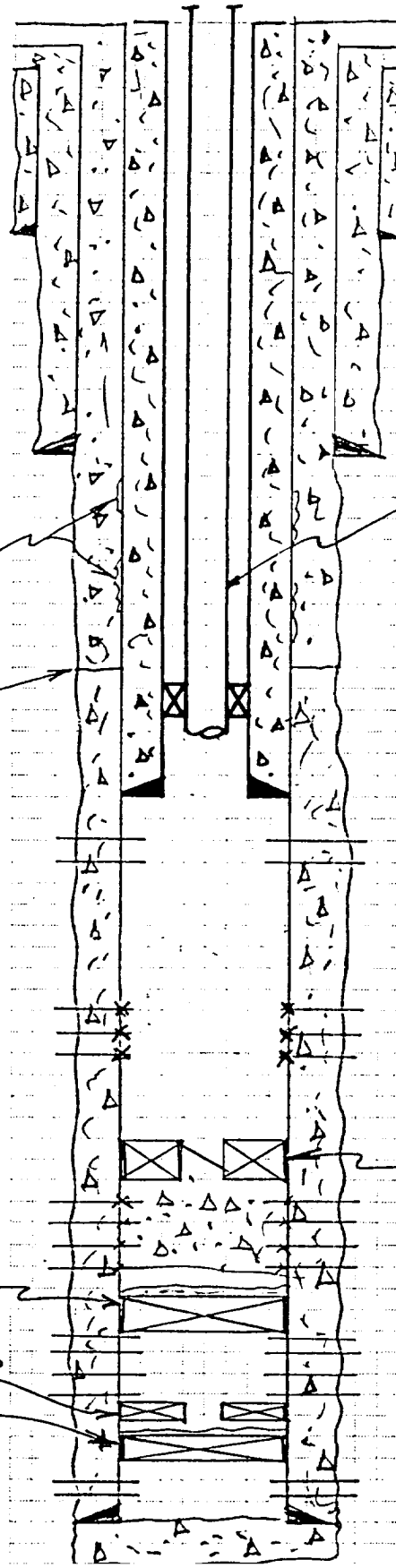
8-5/8" 24# @ 1882'
w/ 900 SXS CIRC

CSG LKS 2500-5700'

TOC ≈ 6400' Calc
Using 7-7/8" Hole 80% Fill
4.18 yield

SET CIBP @ 7305'
Stuck RBP @ 7426'
SET CIBP @ 7470'

4 1/2" 9.5, 10.5, 11.6# J-55
@ 7665' w/ 300 SXS



2 1/16" 3.25# J-55 IT
Tbg To ± 6950'

Run 3 1/2" 9.2# J-55 10rd IT
w/wholly CSG TO 7000' CMT CIRC
TO SULF

Upper Penn: (7069-76
83-87, 93-7100, 7112-27

(7146-56 59-87, 92-94
7200-09 14-31 36-45)

CMT RET @ 7250 w/
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