

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. Contract No. 41
2. NAME OF OPERATOR CONOCO INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit 0 800' FSL & 1650' FEL	8. FARM OR LEASE NAME Jicarilla 30
14. PERMIT NO. 30-039-21589	9. WELL NO. 7
15. ELEVATIONS (Show whether DF, RT, GR, etc.)	10. FIELD AND POOL, OR WILDCAT Und. Mesaverde/Otero
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30-25N-4W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Recomplete in Mesaverde/Chacra

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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. R/H w/bit & scraper. CO to PBTD (7598'). Set RBP @ 6475'. Dump 25 sand on top.
- ② Perf w/ 2 JSPF @ 4120'-21', 4900'-01', 5540'-41'. Set treating pkr @ 5300'. Block squeeze the Point Lookout with 30 bbls of silicalite cmt. If TOC behind pipe is below 5300', re-sqz as necessary. Pull up treating pkr to 4850'.
- ③ Block sqz the Cliff House with a total of 17 bbl of silicalite cmt. If TOC is below 4770', re-sqz as necessary to get TOC @ 4795'. Pull up treating pkr to 4675'. Block sqz Chacra w/ 15 bbl of silicalite. If TOC is below 4000', re-sqz Chacra to get TOC to 4025'.
- ④ Perf Point Lookout @ 5340'-60', 5367'-78', 5416'-28', 5444'-74' w/ 2 JSPF. Set treating pkr @ 5330'. Breakdown perfs w/ 75 bbls 7 1/2% HCL-NE. Frac Point Lookout w/ 100,000 lbs. of 20/40 sand @ 50-60 BPM w/ max surface treating pressure of 2000 psi. Run open flow potential and 7 day shut-in bottom hole pressure test. Reset RBP @ 4925'.
- ⑤ Perf From 4038'-54' w/ 2 JSPF. Set treating pkr @ 3950'. Break down perfs w/ 20 bbls 7 1/2% HCL-NE-FE. Frac Chacra w/ 400 lbs. of 20/40 lbs w/ max. surface treating pressure of 4300 psi. Re pkr & POOH. Run open flow potential and 7 day SI bottom hole pressure test. Rig down MIRU. Retrieve RBP's @ 4150' & 6475'. Put well on production.

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

SIGNED

D.F. Finney

TITLE

Administrative Supervisor

DATE

6/23/88

(This space for Federal or State office use)

RECEIVED

JUL 20 1988

APPROVED

JUL 24 1988

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.

DIST. 3

*See Instructions on Reverse Side

NMOCC

AREA MANAGER

This procedure consists of squeezing cement behind the 5-1/2" casing over the Mesaverde (the Cliff House and Point Lookout formations) and Chacra intervals, separately perforating, sand fracturing, and testing these zones. The primary cement job performed on this well did not cover the Mesaverde and Chacra behind the 5-1/2" casing. Therefore, at least three block squeezes will be required; one (possibly two) for the Point Lookout, one for the Cliff House, and one for the Chacra. The squeezes will use a 12 ppg Silicalite (Halliburton product) cement. This cement will give a relatively low bottom hole pressure during the squeeze. A low bottom hole pressure is considered essential to avoid fracturing the Point Lookout formation and losing all the cement into the zone. A packer will be used to cement squeeze in order to save trip and drill-out time and to avoid having a drillable plug above a retrievable plug in the well. The volumes of cement to be squeezed are sufficiently small, as compared to the annular volumes, such that a minimal danger of circulating cement on top of the packer exists.

Separate production tests are needed for the Chacra, Cliff House, and Point Lookout because our intention is to apply for permission from the state to downhole commingle the Mesaverde and Chacra. These separate tests will also prove up potential in offsetting wells.

WELL: JICARILLA 30, NO. 7		CONOCO WI:	0	PREPARED BY: TEB
STATUS:	0	POOL:	0	DATE: 4/30/88
LOCATION: 800'FSL & 1650'FEL		SECTION:	0	TOWNSHIP: 25 NORTH RANGE: 4 WEST
COUNTY: RIO ARRIBA	STATE: NM	FORMERLY:	0	
DATUM: 7034 ft	GROUND LEVEL: 7020 ft	TD:	7670 ft	PBTD: 7598 ft

WELLBORE DIAGRAM		PULLING AND WORKOVER HISTORY	
		DATE	WORK PERFORMED
<div style="display: flex; align-items: center;"> <div style="border-left: 1px dashed black; border-right: 1px dashed black; height: 100px; margin-right: 10px;"></div> <div> <p>8-5/8", 24ppf, K-55 casg @ 1022' (TOC @ surface)</p> <p>DV TOOL @ 3483' (TOC @ 1200', temp survey)</p> <p>PERFS: 6542-6791 (selective, see above), 7374-88, 7518-32, 7560-64</p> <p>2-3/8" tbg @ 7445' well on plunger lift</p> <p>5-1/2", 15,5 & 17ppf, K-55 casg @ 7670' (TOC=?) see note below</p> </div> </div>		4/78	COMPLETED Well is on plunger lift.

COMMENTS: Production casg. string, 5-1/2", has 34 jts of 17ppf on bottom, 146 jts of 15.5ppf ST&C on top. Pressure buildup tests were run in both the Dakota and Gallup during completion. Well is on plunger lift.