

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved
Budget Bureau No. 42-R1424.

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. NM 14918
2. NAME OF OPERATOR Jerome P. McHugh	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 234, Farmington, NM 87401	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 1470' FSL - 1450' FWL	8. FARM OR LEASE NAME Valencia Canyon Unit
14. PERMIT NO.	9. WELL NO. #39
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 7299' GR	10. FIELD AND POOL, OR WILDCAT Choza Mesa PC
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 24, T28N, R4W
	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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>perfs, frac, tbq</u>	
(Other) <input type="checkbox"/>		(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 and 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.)*

7-17-78 Western Co rigged up and circulated hole w/2% KCl water. Pressure tested csg and BOP pipe rams w/4000 psi - held OK. Spotted 250 gals 15% HCl acid. POH. Pressure tested BOP blind rams w/4000 psi - OK. Blue Jet ran Gamma Ray correlation and collar logs and per w/1 jet per foot 4180-4254'. Prep. to frac.

7-18-78 Western Co. Broke down on way to location. Waited 5 hrs on Western Co. Rigged up to foam frac lower Pictured Cliffs Fm 4180-4254. Broke fm down with water. Breakdown 1000 psi pumped in 12 B/M at 400 psi. Started foam frac, after pumping 27 min. Nowsco lost high rate pump. Flushed hole with foam. Used total of 80,000 lbs of 10-20 sand, 522,000 standard cu ft nitrogen, 335 bbls 3% KCl water, 84.5 gal adafoam. IF 2100 psi, Max 2300 psi Ave 2250 psi Final 2350 psi. Ave IR 40 B/M foam. Unable to repair nitrogen trucks. Shut down. Waiting on nitrogen trucks. Shut well in overnight.

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

SIGNED

Thomas A. Dugan

TITLE

OIL Agent COM.
DIST. 3

DATE

7-21-78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JUL 24 1978

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY

7-19-78

Repaired and replaced Nowsco trucks. Western Co and Nowsco foam fraced lower Pictured Cliffs fm using 220,000 lbs of 10-20 sand, 804 bbls 3% KCl water, 205 gal adafoam, 1,188,000 st cu ft of nitrogen. IF 1700 psi, Max 2500 psi, Min. 1700 psi, Ave 2200 psi, Final 2500 psi. ISDP 1400 psi. 3 min shut in 1350 psi. Ave IR foam 40 B/M. Made one ball drop of 10 balls. Press increased 2200 psi to 2300 psi. Dropped frac ball, pumped down with 68 Bbls water. Baffle at 4135'. Pressure tested baffle and csg to 3000 psi - held OK. Blue Jet perf one jet/ft 4056-66', 4086-96' and 4106-26'. Pumped into upper Pictured Cliffs fm at 7-1/2 B/M 550 psi. Foam fraced zones using 100,000 lbs 10-20 sand, 420 Bbls 3% KCl water, 105 gal adafoam, 639,000 st cu ft nitrogen. IF 1800 psi, Max 2300 psi, Ave 2300 psi Final 2300 psi. ISDP 1500 psi. Ave IR 40 B/M foam. 10 min shut in 1400 psi. Shut well in 2-1/2 hrs while rigged down frac equipment. Flowed well back thru 1" positive choke. Recovered frac ball in 2 min. Flowed well back overnight thru two 2" lines.

7-20-78

After blowing 14 hrs well making est 2000 MCF. Ran 130 jts 1-1/4" OD 2.4# JCW 10R EUE tbg set @ 4214' RKB. Tagged sand at 4230'. Installed tbg head, released rig 2:00 p.m. After blowing 24 hrs well making est 1250 MCF. Shut well in.