

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on re-
verse 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 ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 14914
2. NAME OF OPERATOR Jerome P. McHugh		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. 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 870' FSL - 1170' FWL		8. FARM OR LEASE NAME Valencia Canyon Unit
14. PERMIT NO.		9. WELL NO. 37
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7321' GR		10. FIELD AND POOL, OR WILDCAT Choza Mesa P.C.
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 14 T28N R4W
		12. COUNTY OR PARISH Rio Arriba
		13. STATE NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☒	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☒
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) <u>tbq</u>	
(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.)

6-26-78

PBTD 4400'. Western Co. pressure tested BOP and csg to 4000 psi held OK. Circulated hole with 3% KCl water, spotted 250 gal 10% HCl, pulled 1-1/4" tbq. Pressure tested blank rams to 4000 psi. Held OK. Ran Bond Log. Bond OK across zones of interest. Top cement at 2000'. Ran Gamma ray correlation log. Perforated 1 jet/ft 4218-68 and 4279-4308. Total of 79 holes. Closed blank rams. Shut down.

(Cont'd on Back)

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

SIGNED

Thomas A. Dugan

TITLE

Agent

DATE

7-25-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

6-28-78

Western Co. broke down lower pictured cliffs pexis at 800 psi pumped in at 500 psi 13 B/M. Foam fraced lower pictured cliffs 4218-68, 4279-4308, pumped one minute, lost Western frac truck, shut down, changed out truck, started foam frac, pumped 2 min. Developed stem leak on tubing head valve. Shut down, flowed well back 2 hrs, making est. 300 mcf. Killed well changed out tubing head valves. Started foam frac, pumped 6000 gal pad plus eight min. of sand when well sanded off. Max press 3000 psi, flowed well back 40 min thru 1/2" positive choke. Shut in well 10 min. and recalculated foam properties. Started foam frac, pumped 3-1/2 min pads and 4-1/2 min of sand mixed at 2 lb/gal. IR 40 B/M when line from adaf foam pump broke. Shut down and displaced hole with nitrogen. Repaired line, started frac. Western pump damaged when line broke. Shut down, replaced pump truck, started foam frac. Used total of 280,000 lbs 10-20 sd, 1100 bbls water with 3% KCl, 320 gal adaf foam, 1,640,800 st cu ft nitrogen. IF 2000 psi, Min 1800 psi, Max 2300 psi Ave 2200 psi Final 1800 ISDP 1700 psi. 15 min shut in 1625 psi Ave IR foam 40 B/M. Western Co. pump valves failed near end of first stage. Flushed well at reduced rate. Unable to get another truck or repair this truck at well site. Unable to frac upper pictured cliffs fm. Released NOWSCO and Western Co. Shut well in 2 hrs. Flowed well back overnight thru 1" positive choke. Well making 3300 MCF after blowing twelve hours with spray of water. Unable to get frac equipment. Flowing well thru two 2" lines.

6-29-78

7-1-78
(Cont'd)

Used 150,000 lbs 10-20 sand, 600 bbls water with 3% KCl, 150 gal adaf foam, 931,700 st cu ft nitrogen. IF 2000 psi, Ave 2300 psi, Max 2400 psi, Min 1850 psi, Final 2100 psi, ISDP 1500 psi, 15 min shut in 1350 psi. Ave IR 36 B/M foam. Shut well in two hours. Flowed well back thru 2" positive chokes well flowing by heads. Did not recover battle ball.

7-1-78

Flowed well back total of 60 hrs - flowing steady. Gas stream dry. Making est 1950 MCF. Rigged up Western Co. Pumped in 10 bbls water. Dropped 3-3/4" ball followed with 250 gal. 10% HCl and filled csg with water. Ball seated on baffle. Pressure tested csg, BOP and frac head to 3300 psi - held OK. Bled press off. Blue jet perforated with one jet/ft 4084-4100 and 4128-52, total of 40 holes. Rigged up NOWSCO and Western Co. Broke fm down with water at 1200 psi. Foam fraced upper pictured cliffs fm at rate of 40 B/M of foam, 2# 10-20 sand per gal foam. Sixteen minutes into job NOWSCO lost high rate truck. Slowed injection rate to 34 B/M.

7-7-78

Well making est 7500 MCF after flowing 11 hrs. Recovered ball in catcher. BJ killed well. Pumped at rate 1 B/M to keep well dead. Ran 128 jets 2-3/8" OD 4.7# JWCW-55 8R EUE Kaiser tbg with cross pin sub on bottom. Set at 4194' RKB. Pumped total of 276 bbls water while running tbg. Installed top of tree. Pumped 18 bbls down tbg to pumpout plug. After well shut in 3 hrs well pressured up. Blew well thru tbg 15 min. to unload water in well bore. Shut well in.