

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR
R. C. WYNN

3. ADDRESS OF OPERATOR Suite 3545
First International Bldg. Dallas, Texas 75270

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1220'FNL, 1590'FWL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☒
☐
☐
☐
☐
☐
☐
☐

5. LEASE

NM-05791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal "M"

9. WELL NO.

2

10. FIELD OR WILDCAT NAME

~~Chacra~~ Chacra, Etc.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-T27N-R8W

N.M.P.M.

12. COUNTY OR PARISH San Juan

13. STATE
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5836'GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

SEE ATTACHED FRACTURE TREATMENT

RECEIVED
MAR 05 1984
OIL CON. DIV.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the information furnished is true and correct

SIGNED EWELL N. WALSH TITLE & Prod. Corp. DATE 2/28/84
FOR: R. C. WYNN
Walsh Engineering
Ewell N. Walsh, PE President

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

MAR 01 1984

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY Sum

NMOCC

FRACTURE TREATMENT

Formation Chacra Stage No. 1 Date 2/17/84

Operator R. C. WYNN Lease and Well Federal "M" No. 2

Correlation Log Type GR-CCL From 3238' To 1200'

Temporary Bridge Plug Type Float 6265' Set At

Perforations 3078'-3086'; 3106'-3110'

3204'-3205'; 3221'-3222; 3227'-3228'

2 Per foot type 3-1/8" D.P. Tolson (Blue Jet)

Pad 3,000 gallons. Additives HOWCO Suds
2% Potassium Chloride, 7-1/2% HCL Acid

Water 13,500 gallons. Additives HOWCO Suds
and 2% KCL

Sand 55,000 lbs. Size 20/40

Flush 810 gallons. Additives HOWCO Suds,
686,400 SCF pumped & 45,000 SCF Cool Down.
Total 731,400 SCH, 2% Potassium Choride.

Breakdown 1725 psig

Ave. Treating Pressure 1800 psig

Max. Treating Pressure 1850 psig

Ave. Injection Rate 7.3 BPM

Hydraulic Horsepower 322 HHP

Instantaneous SIP 1600 psig

5 Minute SIP 1500 psig

10 Minute SIP 1500 psig

15 Minute SIP 1500 psig

Ball Drops: 10 Balls at 30,000 gallons -0- psig
(No ball action on frac) increa
 Balls at gallons psig increa
 Balls at gallons psig increa

Remarks: Let well stabilizae for 2 hours, pressure 1500 psig.

Bled down well through 3/4" positive choke **Walsh** ENGINEERING & PRODUCTION CORP.

RECEIVED
MAR 05 1984
OIL CON. DIV.
DIST. 3

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 9-1-65

RECEIVED
MAR 05 1984
OIL CON. DIV.
DIST. 3

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 3/1/84	
Company R. C. WYNN				Connection	
Pool Largo Chacra				Formation Chacra	
Completion Date 2/17/84		Total Depth 3311'		Plug Back TD 3265'	
				Elevation 5836' GR	
Farm or Lease Name Federal "M"				Well No. 2	
Csq. Size 4-1/2	Wt. 9.50	d 4.090	Set At 3307'	Perforations: From 3078' To 3228'	
Thq. Size 1-1/2	Wt. 2.30	d 1.380	Set At 3084'	Perforations: Open Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 98 @ 3310		Mean Annual Temp. °F 60	
				Baro. Press. - P _g 12.0	
L 3084		H 3084		G _g	
				% CO ₂	
				% N ₂	
				% H ₂ S	
				Prover	
				Meter Run	
				Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							1075		1075		7 days
1.	3/4" THC						50		325		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		62	1.0000	1.0000	1.0000	767
2.							
3.							
4.							
5.							

NO.	R _g	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1087	P _c ² 181,569	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1063$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0896$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	337	113,569	1,068,000
2			
3			
4			
5			

Absolute Open Flow 836 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n 0.85
Remarks: _____			
Approved By Commission:	Conducted By: B. Dintleman	Calculated By: Ewell N. Walsh	Checked By: