

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 33025	
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 208, Farmington, NM 87499		7. UNIT ABBREVIATION NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 810' FNL - 1080' FEL		8. FARM OR LEASE NAME Hugh Lake	
		9. WELL NO. 3	
		10. FIELD AND POOL, OR WILDCAT Wildcat Pictured Cliffs	
		11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA Sec. 33, T27N, R12W, NMPM	
14. PERMIT NO.	15. ELEVATIONS (Show whether DP, ST, CR, etc.) 5846' CL	12. COUNTY OR PARISH San Juan	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 COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) Long-term shut-in ☒	

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.)*

Request approval for long-term shut-in status due to the following:

Sales line unavailable.

Attached is a copy of a back pressure test (NMOCD form C-122) for the subject well.

RECEIVED
NOV 19 1987
OIL CON. DIV
DIST. 3

THIS APPROVAL IS FOR 11/17/88

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

SIGNED Jim L. Jacobs

TITLE Geologist

DATE 11-12-87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-29-83	
Company Dugan Production Corp.				Connection		
Pool Wildcat				Formation Pictured Cliffs		
Completion Date		Total Depth 1321'		Plug Back TD 1285'		
		Elevation 5846'		Farm or Lease Name Hugh Lake		
Ceq. Size 2-7/8"		WI. 6.4#		Set At 1321'		
Perforations: From 929'		To 1187'		Well No. 3		
Thq. Size		WI.		Set At		
Perforations: From		To		Unit Sec. Twp. Rge. A 33 37N 12W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas				Packer Set At		
Producing Thru Casing				County San Juan		
Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		
State New Mexico						
L		H		G _g		
				.62		
% 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									340		7 days
1.											
2.											
3.	1/2 Pos. Choke								1	78°	3 hrs.
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3	5.4312		13	.9741	.9837	1.000	68
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons <td>Deg.</td>	Deg.
2					Specific Gravity Separator	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5					Critical Temperature <td>R</td>	R

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²
1					
2					
3			13	169	123735
4					
5					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0014$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0012$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 68$

85

Absolute Open Flow	68	Mcf @ 15.025	Angle of Slope	Slope, n	0.85
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Remarks:

Approved By Division	Conducted By: C. Hall	Calculated By: C. Hall	Checked By:
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