

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved
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 ☐ GAS WELL ☒ OTHER ☐	5. LEASE DESIGNATION AND SERIAL NO. NM 33022
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 AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1120' FNL - 790' FEL	8. FARM OR LEASE NAME Hugh Lake
14. PERMIT NO.	9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5835' GL; GL=RKB	10. FIELD AND POOL, OR WILDCAT South Gallegos FR PC
	11. SEC., T., R., OR BLK. AND SURVEY OR AREA Sec. 29, T27N, R12W, NMPM
	12. COUNTY OR PARISH San Juan
	13. STATE NM

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	X

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. (See REVERSE 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.

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

SIGNED Jim L. Jacobs
(This space for Federal or State office use)

TITLE Geologist

DATE 11-13-87

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

OIL CONSERVATION DIVISION

3-11-78

STATE OF NEW MEXICO

P. O. BOX 2088

1- Utahland

Form C-122
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

1-LAE

1-Texas

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 11-7-83		NOV 28 1983	
Company Dugan Production Corp.		Connection		OIL CON. DIV.	
Pool Undesignated P.C.		Formation Pictured Cliffs		Unit DIST. 3	
Completion Date 10-31-83		Total Depth 1360		Plug Back TD 1333	
Elevation 5835 G.L.		Farm or Lease Name Hugh Lake		Well No. 2	
Csg. Size 2-7/8"	Wt. 6.40#	d 2.441	Set At 1362	Perforations: From 1233 To 1260	Unit A
Tng. Size None	Wt.	d	Set At	Perforations: From To	Sec. 29
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas				Packer Set At	Twp. 27N
Producing Thru				Baro. Press. - P _a	Rye. 12W
Reservoir Temp. °F		Mean Annual Temp. °F		County San Juan	
L		H		State New Mexico	
G _g .62 est		% CO ₂		Meter Run	
% N ₂		% H ₂ S		Taps	
FLOW DATA			TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1					
2					
3	9/16" pos. ck.		131		66°
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
1					
2					
3	6.8294		143	.9943	.9837
4					
5					
NO.	P _t	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio Mcf/bbl.
1					
2					
3					
4					
5					
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.					
Specific Gravity Separator Gas _____					
Specific Gravity Flowing Fluid _____					
Critical Pressure _____ P.S.I.A.					
Critical Temperature _____ R					
P _c 342 P _c ² 116,964					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2318$
1					
2					
3		148	22,008	94,956	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1692$
4					
5					
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1132$					
Absolute Open Flow 1132 Mcf @ 15.025 Angle of Slope 75 Slope, n .75					
Remarks:					
Checked By:					