HAUTED STATES

UNITED STATES	5. LEASE	
DEPARTMENT OF THE INTERIOR	NM 12235	
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
GEOLOGICAL SURVEY	6. If INDIAN, ALEOT TEE ON THIS ENGINE	
	<u></u>	
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME	
the set was this form for proposals to drill or to deepen or plug back to a different	<u> </u>	
reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME Southland	
	Southland 🚎 🗐 🚉 🖹	
1. oil gas X other	9. WELL NO. \$725 2 5 5 5	
Well the state of	9. WELL NO. 3 garden a fatte was a supply of the supply of	
2. NAME OF OPERATOR		
J. Gregory Merrion & Robert L. Bayless	WAW Fruitland Pic. Cli	ff
3. ADDRESS OF OPERATOR		
P.O. Box 1541, Farmington, NM 87401	11. SEC., T., R., M., OR BLK. AND SURVEY AREA	OK
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17		
below.)	Sec. 10, T26N, R13W	
AT SURFACE: 790 FNL and 1450 FWL	12. COUNTY OR PARISH 13. STATE	
AT TOP PROD. INTERVAL: same	San Juan Ed N.M.	
AT TOTAL DEPTH: same	14. API NO. 10 10 10 10 10 10 10 10 10 10 10 10 10	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,		
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND V	VD)
	6208' GL 3 - 1 8 5 2 5 5	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	# 1	
TEST WATER SHUT-OFF	7 m = 2 m = 30mm	
FRACTURE TREAT	ar bho regord Sud of Blud Blud Blud Blud Blud Sud of	
SHOOT OR ACIDIZE	무리에 모든 등 수행 중심	
REPAIR WELL	(NOTE: Report results of multiple completion or	tone
PULL OR ALTER CASING 🔲	change on Form 9–330.)	<u>r-</u>
MULTIPLE COMPLETE	(1) 1	<u>e</u> .
CHANGE ZONES		2
ABANDON* (other) Drill to TD, log, cement, perforate	e & frac	astructions
(Other) DITIT CO ID, 10g/ Coment,	<u>ម្យុខដី គ្រូគិទីគ្នី</u>	<u> </u>
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly sta	te all pertinent details, and give pertinent da	tes,
to the state of th	directionally diffied. Sive subsurface abcations	and
measured and true vertical depths for all markers and zones pertine	ent to this work.)* Shake and a second	
7-12-79 Move in; prepare to spud.	မ်းဆန္ဆိုင္ရာ ၉ ကို မ်ိဳးမ်ိဳးမ်ိဳး	
	2 m / m / m / m / m / m / m / m / m / m	urfago
7-13-79 Spud 9-3/4" hole to 44 ft., set	42 ft. 7-5/8" 32 20:4 FID: 55	urrace
with 15 sacks. Drill out from t	inder surface with 6-3/4	nore.
Lost circulation @ 85 ft. Mixed	l lost circulation materia	1 and
spot on bottom. Drilling ahead	with 3/4 returns, improvi	ng
steadily. Present depth 200 ft.	Bind bind bind and and bind bind bind bind bind bind bind bi	
7-14-79 Drilling @ 500 ft.	보험의링품 및고 워블 스 티	
7-14-79 Diffing 6 300 100	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
- 16 70 P. 1111- 0 700 ft	विद्यार में केंद्रिक हैं।	
7-16-79 Drilling @ 700 ft.		
(continued)	- इंक्ट्रेंट हैं हैं हैं हैं हैं हैं	
Subsurface Safety Valve: Manu. and Type	Set @	_ Ft.
18. I hereby gertify that the foregoing is true and correct	្រាស់ស្ត្រី។ នៅស្ត្រីស្ត្រី <u>ដ</u> ឹងទីថ្ងៃ សតិតគំប	
SIGNED Sturn X, Num TITLE Engineer	PATE August 20, 197	9
SIGNED A	013 71979 - 1 3 3 3	
(This space for Federal or State of	office use)	
TITLE	DATE	
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	The state of the s	
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to the contract of the contrac	हर्म है जिल्ला	

- 7-17-79 Bottom 6-3/4" hole @ 900 ft. Condition hole, preparing to run 5-1/2" intermediate casing.
- 7-18-79 Ran 900 ft. 5-1/2" and set on Texas Pattern Shoe. Nipple up on 5-1/2" and unloaded hole with air. Preparing to air drill to TD.
- 7-19-79 Drilled out from under 5-1/2" casing with 4-3/4" bit. Air drilled to 1380 ft. Mudded up and drilled to 1420 ft., encountered 15 MCF/day gas flow in coal bed @ 1255-59 ft. Conditioning hole in preparation for logging.
- 7-20-79 Trip out with drill pipe. Rig up Bridwell and ran IES Induction compensated Density and Compensated Neutron logs. Lay down drill pipe. Work with 5-1/2" casing; unable to pull free. Shut down over night.
- 7-21-79 Circulated down between 5-1/2" casing and 7-5/8" casing and pulled 5-1/2" free. Tripped out with 5-1/2". Ran 60 jts. 2-7/8" EUE 6.5 lb. C-45 casing to 1410 ft. PBTD @ 1386 ft.
- 7-23-79 Rig up Dowell and cemented with 160 sacks class "H" with 2% D-79, 2% CACL₂ and 80 sacks class "H". Good returns. Circulated approximately 9 bbls. good cement to surface. Bumped plug at 10:15 am 7-21-79. WOCT.
- Rig up Western States swab rig, Blue Jet, Western Co., ran Gamma Ray-Correlation log from 1374 to 800 ft. Pressure tested casing to 3700 PSIG, ok. Swab well to 1200 ft. Perforated 1337-43' per induction with 2 PF 2-1/8" glass jets. Swab well down. Making 25 MCF/day natural. Broke down perfs @ 1950 PSIG. Pumping in @ 4.5 BPM @ 650 PSIG. Well on vacuum at shut down. Swab back 12 bbls. load. Waiting on frac.
- 8-10-79 Rig up Western Co. and Nowsco. Foam fracked Pictured Cliffs with 12,000 lbs. 20/40 sand, 76 bbls. water, 100,100 SCF N₂. Average treating pressure 1750 PSIG @ 15 BPM injection rate. ISDP 1200 PSIG down to 850 PSIG in 10 minutes. Shut in 1 hour, opened on 1/2" choke, left blowing to clean up.
- 8-13-79 Well making 250 MCF/day on 3/4" plate. Flowing pressure 10 PSIG. Rig up to run siphon string. Run siphon string, hung @ 1340 ft. Shut in.