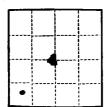
Form 9-881 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau	
Approval expire	s 12-31-60.

Land Office States Po

Lease No. 061101

Unit **XOGO**

SUNDRY NOTICES AND REPORTS ON WELLS

						
NOTICE OF INTENTION TO DRILL		. 11		TER SHUT-OFF	1	
NOTICE OF INTENTION TO CHANGE PLAN	is	SUBSEQUE	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING			
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUE	SUBSEQUENT REPORT OF ALTERING CASING.				
OTICE OF INTENTION TO RE-DRILL OR REPAIR WELL			SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR			
NOTICE OF INTENTION TO SHOOT OR AC	IDIZE	SUBSEQUE	NT REPORT OF ABA	NDONMENT		
NOTICE OF INTENTION TO PULL OR ALTI	ER CASING	SUPPLEME	NTARY WELL HISTO	RY	X	
NOTICE OF INTENTION TO ABANDON WE	LL					
(INDICATE A	ABOVE BY CHECK MARI	K NATURE OF REP	ORT, NOTICE, OR OT	•		
Gov't Chartier Vell No1 is located	790 ft. fron	$\mathbf{n}_{-}igg\{egin{smallmatrix}lackbox{lackbox{\bigseleq}}{\mathbf{S}}igg\}\ \mathbf{line}\ \mathbf{a}$	nd 790 . ft.	from $\begin{Bmatrix} \mathbf{E} \\ \mathbf{W} \end{Bmatrix}$ line	of sec.	
(% Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		R	
					•	

(Field) (County or Subdivision) (State or Territory)

The elevation of the classical above sea level is \$6001... ft. Felly Bushians

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding job ing points, and all other important proposed work)

Symbled well at 13:15 PM 5-30-87; drilled 13-3/4" hale to 255'EB.

Deviation (° at 235'. Hen 213.6' 9-5/8" GD 28.20 seemless caming set at 290'EB, communicative with 175 seeks plus 25 calcium chloride; good returns; common circulated to surface; job completed at 11 PM. TOC 16 hours, nippled up NOP; tested ensing and NOP with 6000 for 30 minutes, held ck. Started drilling common plug at 194'EB with 8-2/4" hat after total VOC time of 34 hours. Common drilled hard.

An 8-3/4" hele was drilled from 230'EB to 4920'. The intervals from

An 8-3/4" hole was crilled from 200'ES to 4020'. The intervals from 4020 - 4054' and 3035-5007' were count. The count intervals were remed to 8-3/4" and 8-3/4" hele was carried to total depth of 5127'EB. DOT #1: 4014-4054'; tool open 122 minutes, shot in 30 minutes. Good initial blow remaining throughout the test. Gos to surface in 122 minutes. Recovered 210' very heavily gas-out and medium oil-out drilling mod. (cont.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Frontier Belining Com	70.07
Address 4040 Bast Lautations Avenue	406
Remyer 22, Colorado	By E. B. Franville
	Title Drilling & Production Supt.

Supplementary Well History Government Chartier #1 July 8, 1987 Page Two

IT? - 140; FT? - 340; SIP - 640. DET #2: 5037-5121'; tool open 60 minutes, shut in 30 minutes; good blow decreasing to weak at end of test. Recovered 600' of gas in pipe and 15' slightly gas-cut drilling mud. IT? - 60;77? - 70; SIP - 140; ran 5j" casing set at 5126'KB and comented with 100 sacks 50% Pounix plus 45 gel and j# per sack Flocele; good returns except 3j minutes lost returns near end of job. Tumperature Survey indicated top of cement 4502'GL. HeCullough Gamma Ray Log was run and casing perferated with 4 jots per foot from 5963-5018' and 5010-4962' and 4959-4916' HeCullough measurements. Subbed and bailed 33 barrels of load oil; hele dry. Well making very little gas. Acidined with 500 gallous ECA; displaced with 118 barrels crude oil. Pressure broke from 1700 to 1000 PSI; final pressure 0. Treated all perforations with sand-oil frac using 30 gallous frofle; 68,000 crude oil, 100,000# 20-40 sand; 303 balls in 14 stages; flushed with 140 barrels crude. Pressures 2500 maximum, 2250 minimum; average rate 50 barrels per minute. Suchbed and flowed load oil through casing. Ban 2" HTE tubing set at 5007'KB. Gas volume estimated 3,600,000 CFFD Pitot tube measurement. Well shut in waiting on market for gas; approximately 950 barrels of load oil remaining to recover as of 6-30-57.

e **"Diemantery d**e 14. Meen ag Geboord Chardier ei July 13. 1967 Februar Ven