1.--



UNITED STATES COPY TO O. C. C DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY P. O. Box 965 Farmington, New Mexico

October 25, 1955

J. Glenn Turner Box 728 - Farmington, New Mexico (Home Office: 17th Fir.-Mercantile Bank Bldg. Pallas, Texas)

Re: Santa Fe 078050

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated Cetober 2h, 1955 covering your well No. 5-3 Christine Hughes in Mil sec. 3, T. 27 N., R. 9 W., N. M. P. M., San Juan County, New Mexico, So. Elance P. C. pool.

Your proposed work is hereby approved subject to compliance with the provisions of the "Cil and Oas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

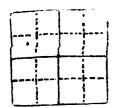
- 1. Drilling operations so authorised are subject to the attached sheet for general conditions of approval.
- 2. Furnish copies of all legs.

Very truly yours,

(Ong. Sgd.) P. T. McGRAT-

P. T. McGrath District Engineer

PTMcGrathial



OIL CON. COM DIST. 3

Form 9-881 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office	Santa	Pe
Lease No. 078050		
Unit	No.	

SUNDRY NOTICES AND REPORTS ON WELLS

Tuesday of National To Doub	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
(INDICATE ABOVE BY CHECK MARK	NATURE OF REPORT, NOTICE, OR OTHER DATA) October 26 , 1955
Well No. 5-3 is located 1650 ft. from	${N \brack X}$ line and ${\bf 990}$ ft. from ${\bf W \brack W}$ line of sec. ${\bf 3}$
(½ Sec. and Sec. No.) (Twp.)	(Range) (Meridian)
So, Blanco P.C. Sen Juan C (Field) (County or	r Subdivision) (State or Territory)
(Field)	(Sale of Zarres)
Propose to sped with cable tools; the Pictured Cliff's Formation - expected surface. Completion with cable test solidified mitro glycerin as conditionally program: 90 feet of 8-5/6" marrace, using at least 75 sacks of the surface.	s - and send oil fracturing or shooting with one warrant. mr 8 rd. thd. Zid casing, circulate coment to coment.
comented with 100 sacks regular come	
In tubing to be set within 20 feet of	writing by the Geological Survey before operations may be commenced.
Company J. Glean Turner	NO 79 285
	6/1 / COM
Address Best 728 - Farmington, Best Head	Wille Har is I
(Home Offices 17th Fire-Mercentile 1	C. Seesce Heal
Dallas, Terres)	Title Agent in Fernington
U. S. GOYERNME	ENT PRINTING OFFICE 16-8437-5

COMPANY J. Glenn Turner
Well Name & No. Christine Hughes No. 5-3 Legse No. Santa Fe 078050
Local to 1650 from the North line and 990 from the West line.
Being : SWOTAN
Strough Elevertion RECEIVED
OCT 25 1955 OCT 25 1955 S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXIC
Scale — 4 inches equals 1 mile
Surveyed July 3 , 1955
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.
Corneal & Echo howk
Segistered Land Surveyor N. M. Reg. #1545

NEW MEXICO OIL CONSERVATION COMMISSION GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool	Bland Pletus	od Gliff	Formation	Picture	m estice	_County	lan Jaan	
Purchasing I	Pineline	Zaso Hatu			Data Tast F	iled	-	
r dichasing i	- Ipeime	Jan Sales			Date Test F	11ea		
	J. Glenn Burn		The state of the s	Hughes			5	-3
Operator	N.	3 2	Lease W		273	Well No	3007	
Unit	Sec	15.50 a	Rge.	Pay Zone	: From	10_	7001	0.00
Casing: OD.		S	et At	Tubing: Ol	ĎV		Γ. Perf	2987
Produced Th	rough: Casing	I	Tubing	Gas Gravit	v: Measured	.655	Estimated_	
	w Test: From	6/8	6/34	_* Date S.I.P.		4/4/56		
	h \					Sq. Rt.		Flan
Meter Run Si	ıze		Orifice Size		_Type Chart_	I'y	/pe Taps	
		•	OBSERV	ED DATA				
Flowing casin	g pressure (Dwt)				psig + 12 =		psia	(a)
	g pressure (Dwt)							
Flowing meter	pressure (Dwt)				psig + l2 =		psia	(c)
Flowing meter	pressure (meter rea	ding when Dwt.	measurement take	n:				
	ırt reading				psig + 12 =		psia	(d)
	t chart reading () ² x spri					-	(d)
• ,	- (d) or (d) - (c)		±		=-		psi	(e)
	Flowing column to							
	ow through tubing: (rage static meter pre				=		psi	(f)
	rage static meter pre irt average reading		er chart):		psig + 12 =			()
	t chart average readi	7.43) 2 x sp. const	5	psig + 12 =	266	psia psia	
	seven day avge, met	• .				266	psia	
$P_t = (h) + (f)$					=	266	psia	
Wellhead casin	ng shut-in pressure ((Dwt)		19	psig + 12 =	731	psia	
Wellhead tubin	ıg shut-in pressure (l	Dwt)	<u>7</u>	70	psig + 12 =	732	psia	
$P_C = (j) \text{ or } (k)$	whichever well flow	ved through	68		=_	731	psia	(1)
Flowing Temp.	. (Meter Run)		90 •F + 46	0	=	528	• A bs	s (m)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$	(1)				= _	,300	psia	(n)
Q =(integrate		\(\frac{\frac{1}{\sqrt{1}}}{\sqrt{1}}	d) =	=_		. 26	мся	F/da
		DI	ELIVERABILITY	CALCULAT	ION			
-	·- [/	P2-P2\=	, 7					
) = Q 26	9	- c - a	r 20 1405	.8637 -8888		__ 237	MCF/	/da
•	1 (P2 - P2 = 4	63,605	-0520			IMIO1 /	, 44,
		· c · w/- —						
SUMM	ARY							
•	734		nsia	Company	El Paso Na	tural Gas (Courses	
c	269		psia Mcf/day	By	Original Si	gned		
·=	266	<i>y</i>	psia	Title	Lewis D. G	alloway		
'd =	366		psia	Witnessed b				
=	237 /		Mcf/day	Company				
This is date o	of completion test.							
Meter error co	orrection factor		į.					
:		REM	ARKS OR FRICTI	ON/CALCULAT	CIONS			
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