## DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

PETROLEUM DIVISION

U. S. Land Office Santa Fe
Serial Number 243260
Lease or Permit AHMIT GULSON

## SUNDRY NOTICES AND REPORTS ON WELLS

(INDICATE NATURE OF DATA BY CHECKING)						
NOTICE OF INTENTION TO DRILL  NOTICE OF INTENTION TO CHANGGALANS, 4th. 1224  NOTICE OF DATE FOR TEST OF WATER SHUT-OFF  REPORT ON RESULT OF TEST OF WATER SHUT-OFF  NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL  NOTICE OF INTENTION TO SHOOT	SUBSEQUENT RECORD OF SHOOTING					
	Aug. 4th, 1924,					
	Aug. 4th, 4,					
	on land under   permit   described as follows:					
New Mexteo Teniory) San Juc	Munty or Subdivision) Aztec (Field)					
Well No						
One N.W. (% SA) VI.I/	4. Sec 740) 11 (Costange) 30. No(Yetifan) andft. \\ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
The well is located 400 tt. S of Inc.	andtt. \\ \\ \ ot \( \frac{1}{285} \) line of					
The elevation of the derrick floor above sea level	is ft.					
Details of Plan of Work:	•					
We have started twelve in hol	e ,intend to set 10 in 8, and 6 in					
casing, we expect areen drillin	c until the well is completed					
	and the second s					
•						
made for such shut-off of the Bureau of Mines, is drilled into.  It is essential that reliable log, giving th formations encountered, content of every sand, of fluid should also be This office must be oil is made.	notified in case a discovery of					
Approved Lug 22 1924  K Nowels	Company R.A.Carter					
1. Wowes	By R.A.Carter					
Title Assoc. Pete: Eug. BUREAU OF MINES	Title					
BUREAU OF MINES	ic.A.Carter 6-0089					

#### FORMATION RECORD—Continued.

FROM	то	TOTAL FEET	FORMATION
760	772	12	Sandy Shale.
772	780	8	Pink Lime.
780	<b>225</b>	45	Blue Shale.
825	945	120	Sand Stone.
945	992	47	Blue Shale.
!	998	6	Gas Samd.
in 970 992 998	1036	38	Grey Shale.
1036	1090	<b>54</b>	Blue Shale.
1090	1100	10	White Sand.
1100	1106	6	Blue Shale.
11 <b>0</b> 6	1128	22	Dark brown sand, little gas. water
1128	1155	28	Blue Shale, Bottom of hole.
et Gr			
	Well	. ^	b -l'
	0.0	0.12	Photo Contraction of the contrac
	100010	Man -	
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		1 -	1
	1	12/01	

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	•		PLUG	S AND A	DAPIEK	<b>5</b>	th act
eaving plu	ug—Material <sub>-</sub>	٠	V	Length -		Dep	oth set
dapters—	Material	$-\Delta \mathcal{N}$		Size			
aaptott		( •	SHO	OOTING R	ECORD		
Size	Shell used	Explo	osive used	Quantity	Date	Depth shot	Depth cleaned out
		7/					
	N/V						
otary too	ls were used fi	rom	feet	to	1cot,	and from	feet to fee
abla tools	were used fro	m	<u>/feet</u>	to/_/_5	5. feet,	and from	feet to fee
abio 10022			,	DATE			
			19		Put to p	roducing	, 19
			24 1	_	hamala a	f fluid of which	oz was oil.
_					Darreis		% was oil; 9
mulsion;	% water;	and	$\%$ sedimen	t.			3é
Tf con	wall on ft ne	er 24 hou	ırs	Gall	ons gasoli	ne per 1,000 cu	. ft. of gas
=					Ü		
Rock y	pressure, lbs. 1	per sq. m					
1	Qi aa		F	MPLOYE			
		•	75 111				The little
Joe	Galla	, ,-/	, Driller	AVII EO I E			, Drill
Joe.	•		, Driller	,			
Eve	salla		, Driller	RMATION			, Drille
	salt He	my	, Driller	RMATION			, Drill
FROM	salt He	o	, Driller, Driller FOF	RMATION	RECOR	D FORMA	rion Drill
	salt He	my	Driller  ,, Driller  FOF  TOTAL FEI	RMATION	RECOR	FORMA	rion
	rest He	o	Driller FOF  TOTAL FEI  85 105	RMATION ET  B3	RECORI	FORMA:	rion
FROM	rest He	95 90 40	Driller FOF TOTAL FEI  \$\footnote{S}\$ 105 50	ET   BI	RECORI	FORMA  Itore  10.	rion Drill
FROM / 85 190 240	rest //e	95 90 40	, Driller FOF  TOTAL FEI  \$\footnote{5} 105 50 10	ET BI	ne Shandindstor	formation one.	rion
FROM  /  85 190 240 250	1 2 2 2 2	95 90 40 50 80	, Driller FOF  TOTAL FEI  \$\int 5  105  50  10  30	ET BI SE SC BI	RECORI	formation of the contract of t	rion
FROM  /	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	95 90 40 50 80 90	### Driller FOF TOTAL FEI ### \$\int 50 10 30 10	ET DI SE SC BI WE	ne Shandstor	FORMATION OF THE PROPERTY OF T	rion Drill
FROM  /  85 190 240 250	1 2 2 2 2 3 3	90 40 50 80 90	### Driller FOF TOTAL FEE ## \$ 5 105	ET BI SE SC BI WE BI	ne Shandstor oap Sto	FORMATION OF THE PROPERTY OF T	rion
FROM  /	1 2 2 2 3 3 3	90 40 50 80 90 40	Driller FOF  TOTAL FEI  \$\sigma 5  105  50  10  30  10  10  40	ET BI SE	ne Shandstor cap Stores Sharter Salue Shandstores	FORMATION OF THE PROPERTY OF T	prion per Hour).
FROM  /	1 2 2 2 3 3 3	90 40 50 80 90	Driller FOF  TOTAL FEI  \$5 105 50 10 30 10 40 5	ET BI SE SC BI WE BI SE SC SC	RECORION Shall be sha	formation of the control of the cont	prion per Hour).
## FROM	1 2 2 2 2 3 3 3 3 3	90 40 50 80 90 40	Driller FOF  TOTAL FEI  \$\sigma 5  105  50  10  30  10  10  40	ET BI SE SC BI WE SE SC BI BI BI SE SC BI	RECORION Shallon Shall	FORMATION OF THE PROPERTY OF T	non  ers per Hour).
## FROM	1 2 2 2 2 3 3 3 3 3 3 3 3	90 40 50 80 90 40 40 45	Driller FOF  TOTAL FEI  \$5 105 50 10 30 10 40 5	ET BI SE SC BI WE SE SC BI BI BI SE SC BI	RECORION Shallon Shall	FORMATION OF THE PROPERTY OF T	prince per Hour).
## FROM	1 2 2 2 3 3 3 3 4	90 40 50 80 90 40 40 40 45	Total FE  **S  105  50  10  30  10  40  5  40	ET BI SE SC BI WE BI SE SC BI BI	ne Shandstor i	FORMATOR TO STATE OF	mon  pailers per hour.  t.8 1/4 in.casing
#ROM  /  85 190 240 250 280 290 340 345 365 410	1 2 2 2 3 3 3 4 4	90 40 50 80 90 40 45 85 10	Total FEI  FOF  Total FEI  FOF  105  50  10  10  40  540  25	ET BI SE SC BI WE BI SE SC BI BI	ne Shandstor i	FORMATOR FOR	mon  pailers per hour.  t.8 1/4 in.casing
#ROM  #5 190 240 250 280 290 300 345 345 410 480	1 2 2 2 3 3 3 4 4 5 5	90 40 50 80 90 40 45 10 80 600	Total Fell 8 5 105 50 10 10 40 55 70 20	ET BI SE	ne Shandstor i	FORMATOR TO STATE OF THE PROPERTY OF THE PROPE	mon  pailers per hour.  t.8 1/4 in.casing
#ROM  /	1 2 2 2 3 3 3 3 4 4 5 5 5	90 40 50 80 90 40 45 10 80 600 600	Driller FOF  TOTAL FEI  \$ 5  105  50  10  30  10  40  5  40  25  70  20  80	ET  BI SE SE SE BI WE BI SE	ne Shandstor San Shalle	FORMATOR TO SOAPSTONE.	pron per Hour).  Dailers per hour.  1/4 in.casing
#ROM  #5 190 240 250 280 390 340 345 385 410 480 500 580	1 1 2 2 2 2 3 3 3 3 4 4 5 5 6 6	90 40 50 80 90 40 45 85 10 80 80 80 80 80 80	Total FE  FOF  Total FE  8 5  105  50  10  30  10  40  5  40  25  70  20  80  115	ET BI SE SC BI WE BI GE WILL BI SE B	RECORION OF THE SHOP SHOULD SH	FORMATOR FOR	mon  pailers per hour.  t.8 1/4 in.casing
#ROM  /  85 190 240 250 280 290 300 345 385 410 480 500	1 1 2 2 2 2 2 3 3 3 3 4 4 5 5 6 7	90 40 50 80 90 40 45 10 80 600 600	Driller FOF  TOTAL FEI  \$ 5  105  50  10  30  10  40  5  40  25  70  20  80	ET  BI SE SC BI WE BI GE WI BI GE BI	RECORION SHOWN SHO	FORMATOR FOR	prince per Hour).  Dailers per hour.  1/4 in.casing

GOVERNMENT PRINTING OFFICE

6-6745

Form 6-330

S. LAND OFFICE S. L. SERIAL NUMBER 043260
LEASE OF PERMIT POPULARY

### DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

PETROLEUM DIVISION

LOCATE	WELL	CORRECTLY

#### LOG OF OIL OR GAS WELL

•						OIL OR G			
Compa	ny Ose	rll, Ran	my E	r gl.	Addre	88.575/ 6	ch a	~~~~	Loslinge
Lessor	or Tract	Challed B	Silson	Lesson	Field_	alex, stowas	LState	LY-Rituel	//ca/he
Well N	Vo. /	Sec. <b>3</b>	4 T.30	R. // м	eridian <i>N.J.</i>	14. # 111. Cou	$_{\rm nty}$ $\swarrow$ $a$	n far	m
Location	on <i>400</i> f	$t \stackrel{\sim}{\sim} of \stackrel{\sim}{N}$	Line and	400 ft. E	; ef <u>W</u> I	ine of N.W. 149	N.W.Z	Elevation	on 5906
Th	e inform	ation given	herewith is	r) a comple s	r.) te and corre	ct record of the w	ell and all	(Derrick floor WOrk d	one thereon
		determined			1	ed R.l. Os		^	
	46	12-1	2 1		Signo	1 (*)	_		<del>-</del>
Date	7/02		• • • •		C 43		11156	<u>د ۹ </u>	
Th	ie summa	ry on this pa	nge is for t	he condition	on of the we	ll at above date.	/	21.	9 ( °
Commo	enced dri	الناng المناكبية				ed drilling 1212			, 19.2
			° Ol		S SANDS Conote gas by $G$				
No. 1.	from	3.85	to			, from	to	)	
						, from			
						, from			
110. 0,		<del>-</del>			NT WATER			,	
No. 1,	from	280	to	2.9.Q	No. 3	, from 12.3.0	to	<u>) 7 (</u>	U
No. 2,	from	340	to	345	No. 4	, from	to	)	
				CAS	ING RECO	RD			
Size	Weight per foot	Threads per inch	Make	Amount	Kind of shee	Cut and pulled from	Perfor		Purpose
	Per 1900		_	410			From	To	To the first of the control of the c
8/			1						
6	26	.8	DBX.	1007	Heavy Cu	feling consid			
					Case Hase	lensol			
			CASING	OR TOOL	S LOST OF	SIDETRACKEI	)		**************************************
From .		c to		· · · · · · · · · · · · · · · · · · ·	Description				
From		v to			Description .				
From	Z1 / V				Description				
	1	<del></del>	MUDI	DING AN		ING RECORD	i i		
Size casing	Where s	et Numi	ber sacks of ce.	ment	Method used	Mud gravity	Am	ount of m	ad used

NEW MEXICO

San Juan Tunty
R C Oswel et al
Well # 1
Sec 34-30N-11W
400 Ft S of N Line
400 " E of W Line
Elevation 5907

 $\mathbb{C}(\mathbf{D}\mathbf{A})$ 

Commenced July 15-1924 Completed June 1st 1925

From	To	Formation
0	85	Sandstone
85	190	Blue shale
190	240	Sand-stone
240	250	Soap-stone
250	280	Blue shale
280	290	Water sand, (2 Bailers per hour)
290	300	Blue shale
<b>30</b> 0	340	Sandy shale
340	345	Suplhur water, ( 4 bailers per hour)
345	385	Blue shale
<b>3</b> 85	410	Gas Sand, set 84" casing
410	480	White sand
480	500	Bluish soapstone
500	580	Sand-stone
580	695	Blue shale
695	730	Brown shale
730	760	White water sand, (hole full)
760	772	Sandy shale
772	780	Pink lime
<b>7</b> 80	825	Blue shale
825	945	Sand-stone
945	992	Blue shale
992	<b>9</b> 98	Gas sand
998	1036	Crey shale
1036	1090	Blue shale
1090	1100	White sand
1100	1106	Blue shale
1106	1128	Dark brown sand, little gas. (Water)
1128	1155	Blue shale, bottom of hole.

( Well drilled to 1367')

Form	9-331	n.	
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#### DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

U.S. Land Offic	ce			
Serial Number Lease or Permit.			a sužd	_
Lease or Permit.		· 		

A CONTRACTOR OF THE SECOND CONTRACTOR OF THE S	SUNDRY NOTICES A		EPORTS	ON WELL	
NOTICE OF IN NOTICE OF D REPORT ON F NOTICE OF IN	ITENTION TO DRILL ITENTION TO CHANGE PLANS ATE FOR TEST OF WATER SHUT-OFF ITENTION TO RE-DRILL OR REPAIR WELL ITENTION TO SHOOT	RE NO	CORD OF PERFORATI OTICE OF INTENTION OTICE OF INTENTION OBSEQUENT REPORT C	OF SHOOTING	ALTER CASING
Fo	llowing is a {notice of intention to deposit of work done	lo work}	on land under {	permit described	as follows:
Well No The well is	Rowing is a {notice of intention to of teport of work done (State or Territory)  N.W. A. L. (1/4 Sec.)  s located ft. {N   S   Of	line and .	$\mathcal{S}$ O ft. $\left\{ \begin{array}{l} E \\ W \end{array} \right\}$	ofline of	(Field)
	tares of Train of Work. CASINGS; ALSO	WEIGHTS AI		POINTS	
numbungan di da mga Ambara di da kabu tuki tik tomu di da tika dawakan matika Ambara matika da	Herring - Fringen man of the common of the c		ma wake balan esti, in aki esti, in aki enter esti in aki esti in aki ferentake en	n de drog de l' l'estat de l'estat de l'est	
	\$04 PM PM	1.344 <b>4</b> 11	4.13.100g		
<del>.</del>	AS PER ATTACHED LETTER. F.  (Date)  D. P. WARD ELL  DEPUTY SUPERVISOR  BUREAU OF MINES	<del>X</del> -	Company By // Title	lo Osur	elli <sub>6-7053</sub>

1	, Drilling	hine & Far Tools, Shi g Boiler	mington or prock Area	Plugging	10	35.00	350.00
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•		<b>1</b>	•		;	:	•
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		ī	•		į		350.00

			ware .		e e e
Machine, Tools, and Boiler	Shiprock & return	Location	60 mi.	By day: 2 days @ \$120	240.00
Water and Fuel Cement & Pump	Farmington	Location #	15 15	By Day @ 30.00	150.00 15.00
	1 1 2 2 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	•				405.00 407.50 350.00 220.50
· · · · · · · · · · · · · · · · · · ·	-,			187.50	

1333.80

Contractor's Profit and Supervision will bring total to: 1700.00 If machine and tools are available at Bloomfield, costs would reduce, if necessary to bring from greater distance than Shiprock costs would increase. Believe available at Shiprock or nearer location.

1

ı	Pump	Farmington	Mud	1	250.00	250.00
2	Cement	п	Plug & Marker	15 Sax	1.50	22.50
3	Pipe	***************************************	Marker	10 feet	1.00	10.00
4	Fuel	11	Ħ	50 Bbl.	2.50	125.00
					•	
•					!	407.50
						101100
1	. All	•		75%		187.50
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	•					
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						187.50

 1
 Driller
 7
 11.50
 80.50

 1
 Tool Dresser
 7
 10.00
 70.00

 2
 Laborers
 7
 5.00
 70.00

220.50

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	Santa	Fα
J. S. Land Office	Danta	T. O

# DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

O. D. Land Onke	
· Serial Number	043260
XXX or Fermit	Oswell

01 1988

## SUNDRY NOTICES AND REPORTS ON WELLS

(INDICATE NATURE OF DATA BY CHECKING)

SUBSEQUENT RECORD OF SHOOTING ---

REPORT ON RESULT OF TEST OF NOTICE OF INTENTION TO RE-D	GE PLANS	NOTICE OF INTENTION TO PUL NOTICE OF INTENTION TO ABA SUBSEQUENT REPORT OF ABAN	OR OTHERWISE ALTER CASING  NDON WELL
Following is a {	notice of intention to downerk report of work done		it described as follows:
New Mexico	San Ju	n	Aztec-Bloomfield
(State or Territory)	(County or Subdivision) (F		(Field)
Well No1	MVNV Sec. 34	T.30N. R.1	LW N.M.P.M.
	(¼ Sec.)	(Twp.) (Ran	ge) (Meridian)
The well is located4	$\infty$ ft. ${\mathbb{S}}$ of $\mathbb{N}$ line and	d 400 ft. $X$ of $X$	(Meridian) line of NVIII' Sec. 34

The elevation of the derrick floor above sea level is AMD-DEPTH'S OF PROPOSED Details of Plan of Work: CASIVES: ALSO MUDDING JOBS, CEMENTING POINTS AND ALL OTHER IMPORTANT PROPOSED WORK.

ef coment; 1310-1130, mudded. 1130-1040 comented with 15 soks of coment.

1040-970 shot casing and mudded under pressure behind casing. 970-760 shot casing and mudded under pressure. 760-415 mudded. 415-6 shot pips and mud circulated to top. 6-0 placed ten foot 5" casing and comented with 4 feet of casing above ground.

	%.C.Oscoll 4011	
Approved May 29, 1929	Company	
RAY 8. ARMSTRONG  To Acting Supervisor.		
RAY & ARMSTRONG	By <u>A and Mark</u>	
Title Acting Supervisor.	Title	
BUREAU OF MINES	u —7053	

U.S.G.S., Casper, Wyoming. GOVERNMENT FRINTING OFF