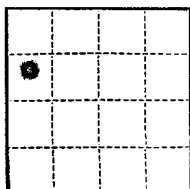


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency **Consolidated Ute**
Agency, Ignacio, Colorado
Allottee **Mountain Ute Tribe**
Lease No. **14-20-61-119**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	☒
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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)

Astec, New Mexico July 30, 1957

Well No. 19-5 is located 1960 ft. from N line and 660 ft. from W line of sec. 19
Sec. 19 419 31E 14W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Verde-Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground level ~~land surface~~ above sea level is 3609 ft.

DETAILS OF WORK

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

Spudded 7-29-57.

CASING DETAILS:

Ran 3 Jts., 92.33', 8 5/8" H-8 26# Grd thd casing; bottom Jt. balled out.
Landed depth, 102.33' from KB.

Cemented with 100 sack regular cement. Tested casing to 800#. Test OK.
WOC at 8:00 A.M., 7-29-57.

RECEIVED

AUG 2 1957

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

Company FURCO PETROLEUM CORPORATION

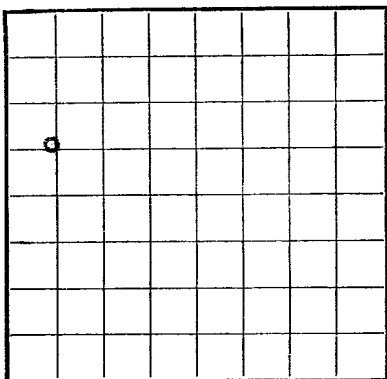
Address 106 West Church

Astec, New Mexico

By H. L. Doolinger
Title Dist. Engr.

U. S. LAND OFFICE 106 N. Chuaka, Aztec, N. M.SERIAL NUMBER 14-20-604-119

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pubco Petroleum Corp. Address 106 N. Chuaka, Aztec, N. M.
Lessor or Tract Mountain Ute Field Verde-Gallup State New Mexico
Well No. 12-5 Sec. 19 T. 31N R. 14E Meridian N.M.P. County San Juan
Location 1980 ft. N. of N. Line and 660 ft. E. of N. Line of Section 19 Elevation 5624 1/8
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. E. HollemanDate September 5, 1957 Title District Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling July 29, 1957 Finished drilling August 14, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2778 to 2862 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 5/8</u>	<u>28</u>	<u>3</u>	<u>G-I</u>	<u>31.23</u>	<u>None</u>	<u>Surface</u>			<u>Surface</u>
<u>5 1/2</u>	<u>24</u>	<u>3</u>	<u>G-I</u>	<u>27.57</u>	<u>None</u>	<u>27.57</u>			<u>Production</u>
<u>2 7/8</u>	<u>17.5</u>	<u>3</u>	<u>G-I</u>	<u>27.01</u>	<u>None</u>	<u>27.01</u>			<u>Production</u>
PRODUCTION OF OIL OR GAS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>102.83</u>	<u>100 sacks</u>	<u>Circulated</u>		
<u>5 1/2</u>	<u>2761</u>	<u>35 reg 35 stratacrete 2 plug</u>			
<u>2 7/8</u>	<u>2823</u>	<u>none</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Sand oil frac open hole 2751-2862 with 35,000 gallons oil and 20,000 pounds sand (20-40 mesh) Injection rate 10 BPM. Breakdown 300 psi. Treating Pressure 400 psi</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface 2751 feet to 2862 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
September 5 57 The production for the first 24 hours was see barrels of fluid of which 57 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. _____ Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 11.50

Back pressure lbs. per sq. in. _____

FOLD MARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

U. S. LAND OFFICE _____
SERIAL NUMBER 14-20-604-119
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Burco Petroleum Corp. Address 106 ... Chuaska, Aztec, N. M.
 Lessor or Tract Mountain Ute Field Varde-Gallup State New Mexico
 Well No. 12-5 Sec. 19 T. 31 N. R. 14 E. Meridian N.M.P. County San Juan
 Location 1930 ft. N. of N. Line and 660 ft. E. of W. Line of Section 19 Elevation 4245 ft. 5/8
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. E. Holleman

Date September 5, 1967 Title District Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling July 29, 1957 Finished drilling August 14, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2778 to 2862 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
6-5/8	28	8	GFI	91.03	None				Surface
5-1/2	24	8	GFI	27.37	Water				Perforation
2-3/4	10.9	8	GFI	27.93					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	192.33	137 sacks	Circulated		
5 1/2	2761	35 reg 31 stratacrete 2 plug			
2 3/8	2823	none			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Hand	oil frac	seen hole	2751-2362	with 3500	gallons oil and 20,000	pounds sand (2" mesh)
					Injection rate 30 BPM, Breakdown 300 psi,	
					creasing Pressure 400 psi	
					TOOLS USED	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

2023 DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was 100 barrels of fluid of which 57 % was oil; 2 % emulsion; 3 % water; and below % sediment. Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

.....	Driller		Driller
A. B. Porter	Driller	Geo. S. Howell	Driller
A. J. Old	FORMATION RECORD L. J. Snoot		

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1547	1587	Lewis-esaverde
1537	2775	1191	Mancos
2772	2862	84	Gallup
IP:	238 B-20 on 12 hour swab test; frac oil		
	168 B-20 on pump, 24 hour test; new oil		
	(110 pump efficiency)		

Y. J. Y. and J. D. D.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

16-48084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]