

U. S. LAND OFFICE -----
 SERIAL NUMBER **SP 078344-A** -----
 LEASE OR PERMIT TO PROSPECT -----

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

2000 National Bank of Tulsa Bldg.
Tulsa 3, Oklahoma

LOCATE WELL CORRECTLY

PETRO-ATLAS. INC.

Company PETRO-ATLAS, INC. Address PO BOX 10000
 Lessor or Tract ATLAS Field BISTI State NEW MEXICO
 Well No. A-2 Sec. 34 T. 25N R. 10W Meridian MEPM County SAN JUAN
 Location 1980 ft. 15 of N Line and 1980 ft. 15 of W Line of Section 34 Elevation 6745'
 (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. ORIGINAL SIGNED BY

Date **2-12-39**

Signed **N. B. GOVE** Title **Engineer** N. B. Gove

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

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Commenced drilling 7-24, 1958 Finished drilling 8-4, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5327** to **5346** No. 4, from _____ to _____
 No. 2, from **5361** to **5379** 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—	
8-5/8"	244	8 Rd	J-55	186'	Texas	-	-	-	Surface
5-1/2"	134	8 Rd	J-55	186'	Texas	-	-	-	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	196'	150 w/2% Ca Cl	Pump	"	Cement Circulated
5-1/2"	5433'	125 w/3% gel plus 50 sz neat cement	Pump	107/gal	Top Cement 4015'

PLUGS AND ADAPTERS

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

TREATING ~~SHOOTING~~ RECORD

Size	Shell used	Material used	Quantity	Date	Depth	Depth cleaned out
		Lease crude oil	50,000 gal	8/9/58	5327-5379	
		20-40 Sand	60,000	8/9/58	" "	
		Rubber Balls	130	8/9/58	" "	

TOOLS USED

Rotary tools were used from Surface feet to 5444 feet, and from _____ feet to _____ feet.

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

DATES

Put to producing 8-18, 1958

The production for the first 24 hours was 160 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 32°

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
_____, Driller _____, Driller

FORMATION RECORD

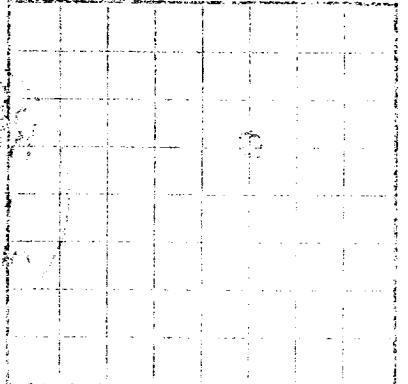
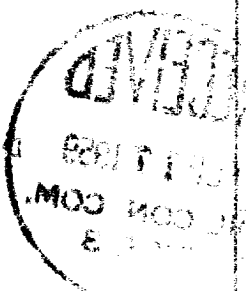
FROM—	TO—	TOTAL FEET	FORMATION
Surface	4120	4120	Shale & Sand
4120	4259	139	Shale
4259	4346	87	Shale & Sandy Shale
4346	4524	178	Shale & Sand
4524	4664	140	Shale
4664	5315	651	Shale & Sand
5315	5399	84	Sandy Shale
5399	5444	45	Shale & Sand

FORMATION TOPS

Pictured Cliffs	1672'
Mesa Verde	2447'
Manson	4292'
Upper Gallup	5326'
Lower Gallup	5360'

U.S. Land Office
State Number
Bureau of Reclamation

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Location: _____
County: _____
State: _____
Section: _____
Twp: _____
Rng: _____

Original logs by _____
Date: _____

The following are the names of the persons who have been in the well since it was first drilled:

1. _____
2. _____
3. _____
4. _____
5. _____

Remarks: _____

Comments: _____

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, 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 burning.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Shale
10	20	20	Shale
20	30	30	Shale
30	40	40	Shale
40	50	50	Shale
50	60	60	Shale
60	70	70	Shale
70	80	80	Shale
80	90	90	Shale
90	100	100	Shale
100	110	110	Shale
110	120	120	Shale
120	130	130	Shale
130	140	140	Shale
140	150	150	Shale
150	160	160	Shale
160	170	170	Shale
170	180	180	Shale
180	190	190	Shale
190	200	200	Shale
200	210	210	Shale
210	220	220	Shale
220	230	230	Shale
230	240	240	Shale
240	250	250	Shale
250	260	260	Shale
260	270	270	Shale
270	280	280	Shale
280	290	290	Shale
290	300	300	Shale
300	310	310	Shale
310	320	320	Shale
320	330	330	Shale
330	340	340	Shale
340	350	350	Shale
350	360	360	Shale
360	370	370	Shale
370	380	380	Shale
380	390	390	Shale
390	400	400	Shale
400	410	410	Shale
410	420	420	Shale
420	430	430	Shale
430	440	440	Shale
440	450	450	Shale
450	460	460	Shale
460	470	470	Shale
470	480	480	Shale
480	490	490	Shale
490	500	500	Shale
500	510	510	Shale
510	520	520	Shale
520	530	530	Shale
530	540	540	Shale
540	550	550	Shale
550	560	560	Shale
560	570	570	Shale
570	580	580	Shale
580	590	590	Shale
590	600	600	Shale
600	610	610	Shale
610	620	620	Shale
620	630	630	Shale
630	640	640	Shale
640	650	650	Shale
650	660	660	Shale
660	670	670	Shale
670	680	680	Shale
680	690	690	Shale
690	700	700	Shale
700	710	710	Shale
710	720	720	Shale
720	730	730	Shale
730	740	740	Shale
740	750	750	Shale
750	760	760	Shale
760	770	770	Shale
770	780	780	Shale
780	790	790	Shale
790	800	800	Shale
800	810	810	Shale
810	820	820	Shale
820	830	830	Shale
830	840	840	Shale
840	850	850	Shale
850	860	860	Shale
860	870	870	Shale
870	880	880	Shale
880	890	890	Shale
890	900	900	Shale
900	910	910	Shale
910	920	920	Shale
920	930	930	Shale
930	940	940	Shale
940	950	950	Shale
950	960	960	Shale
960	970	970	Shale
970	980	980	Shale
980	990	990	Shale
990	1000	1000	Shale