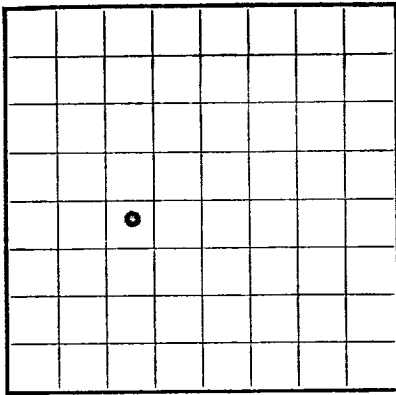


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **87-078115**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY SEP 17 1957

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Astec Oil & Gas Company Address Box 786, Farmington, New Mexico
Lessor or Tract Granier Field Blanco State New Mexico
Well No. 6 Sec. 20 T. 31 R. 11 Meridian N.M.P.M. County San Juan
Location 1650 ft. (N.) of S. Line and 1650 (E.) of N. Line of Section 20 Elevation 6036
(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 Jae C. SalmonDate September 13, 1957Title District Superintendent

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

Commenced drilling July 15, 1957 Finished drilling August 3, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2570 to 2612 G No. 4, from _____ to _____
No. 2, from 4870 to 4944 G 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—	
10 3/4	32.75	8rd	E-40	162					
7 5/8	24.7	8rd	E-40	162					
5 1/2	19.7	8rd	E-40	162					
1"	3.74	8rd	E-40	162					
2 3/8	4.74	8rd	E-40	162					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	176	125			
7 5/8	474.8	350	Two-Stage		
5 1/2	5104	100	Two-Plug		
1"	2658				
2 3/8	5061				

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
Frased Point Lookout with 44, 520 gallons water, 13,860 gallons flush, 60,000 lbs. sand						
Frased Pictured Cliffs with 49,475 gals. water, 10,500 gallons flush, 50,000 lbs. sand.						

TOOLS USED

Rotary tools were used from _____ feet to 5365 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Test Date - 8-27-57 and 9-3-57
Put to producing Not Connected, 19____
August 9, 1957

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

If gas well, cu. ft. per 24 hours / A.O.F. 273 (M.V.) 1601 (D.C.) ft. of gas _____

U.S. Land Office
Special Agent
Bureau of Land Management

[illegible]

WATSON COUNTY, TEXAS

[illegible]

With the structure of the page as for the condition of the wall is about 100.

01 gnd:ab:bcd:stf 01 gnd:ab:bcd:stf 02

OIL OR GAS SANDS OR LOMES

(© 1997 SIGGRAPH)

No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from	to	No. 8, from	to
No. 2, from	to	No. 9, from	to

CASING RECORD

[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

MUDDING AND CEMENTING RECORD

PLUMBING AND CEMENTING RECORD

[illegible]

DATE: 10/19/79

Heavy ring-Macdonald	Length	Bobbin set
Adapting-Macdonald	Size	

SHOOTING RECORD

Site	Shell used	Butterfly used	Quantity	Notes	Int. to shell	Depth to bottom of 1
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						

TOOLS USED

at foot	more than foot	at foot	more than one foot
at foot	more than foot	on foot	most heavy work shoes

23TAD

It was found, on the 25th of June, 1901, that the water was not so pure as it had been on the 24th of June, 1901.	On the 25th of June, 1901, the water was found to be of a different quality from that of the 24th of June, 1901.
The production for the first 11 hours was 100,000 gallons of water and 100,000 gallons of sediment.	The production for the first 11 hours was 100,000 gallons of water and 100,000 gallons of sediment.
But so producing the water was of a different quality from that of the 24th of June, 1901.	But so producing the water was of a different quality from that of the 24th of June, 1901.