

Santa Fe
U. S. LAND OFFICE SF 077652
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
EastUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil & Gas Company Address Drawer # 570, Farmington, New Mexico
Lessor or Tract East Field Basin Dakota State New Mexico
Well No. 7 Sec. 14 T. 31N R. 12W Meridian N.M.P.M. County San Juan
Location 790 ft. N of N Line and 790 ft. E of W Line of Section 14 Elevation 6324 G.L.
(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.

Date June 25, 1962 Signed ORIGINAL SIGNED BY JOE C. SALMON Title District Superintendent
Joe C. Salmon

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

Commenced drilling 5/2/62, 1962 Finished drilling 6/3/62, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7296 to 7310 (G) No. 4, from 7426 to 7440 (G)
No. 2, from 7374 to 7402 (G) No. 5, from _____ to _____
No. 3, from 7406 to 7416 (G) 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>24</u>	<u>8rd</u>	<u>J-55</u>	<u>317</u>	<u>displacement</u>	<u>0</u>			<u>displacement</u>
<u>4 1/2</u>	<u>11.6</u>	<u>8rd</u>	<u>J-55</u>	<u>2220</u>	<u>two plug</u>	<u>7560</u>			<u>two plug</u>
<u>2 3/8</u>	<u>4.7</u>	<u>8rd</u>	<u>J-55</u>	<u>7253</u>					

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>333</u>	<u>230</u>	<u>displacement</u>		
<u>4 1/2</u>	<u>7560</u>	<u>550</u>	<u>two plug</u>		
<u>2 3/8</u>	<u>7263</u>	<u>--</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-water fraced with 71,400 gals. water, 45,000/ 20/40, 18,500/ 10/20 sand,</u>						
<u>Breakdown pr.- 1500, Avg. treating pr.-2700, Max. treating pr.-3100, Avg. I.R.-37 bpm</u>						
<u>dropped 30 rubber ball sealers, flushed with 150 Bbls. instant shut in-1100</u>						
<u>5 min. shut in-650</u>						

TOOLS USED

Rotary tools were used from 0 feet to 7560 feet, and from 7560 feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6/7/62, 1962 Put to producing _____, 1962

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 AOE-4055 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1943

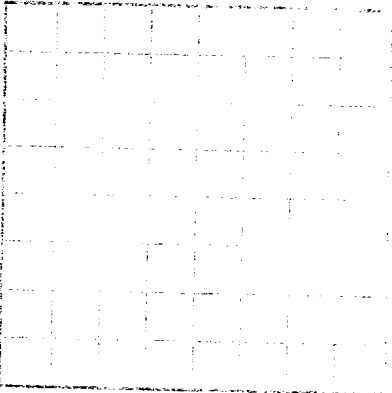
EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>335</u>	<u>335</u>	<u>surface</u>
<u>335</u>	<u>735</u>	<u>400</u>	<u>sand and shale</u>
<u>735</u>	<u>1098</u>	<u>363</u>	<u>sand and shale</u>
<u>1098</u>	<u>1485</u>	<u>387</u>	<u>sand and shale</u>
<u>1485</u>	<u>1830</u>	<u>345</u>	<u>shale</u>
<u>1830</u>	<u>2570</u>	<u>740</u>	<u>sand and shale</u>
<u>2570</u>	<u>2938</u>	<u>368</u>	<u>sand, shale, coal</u>
<u>2938</u>	<u>3329</u>	<u>391</u>	<u>sand and shale</u>
<u>3329</u>	<u>3806</u>	<u>477</u>	<u>sand and shale</u>
<u>3806</u>	<u>4082</u>	<u>276</u>	<u>sand and shale</u>
<u>4082</u>	<u>4274</u>	<u>192</u>	<u>sand and shale</u>
<u>4274</u>	<u>4420</u>	<u>146</u>	<u>sand and shale</u>
<u>4420</u>	<u>4754</u>	<u>334</u>	<u>sand and shale</u>
<u>4754</u>	<u>5005</u>	<u>251</u>	<u>sand and shale</u>
<u>5005</u>	<u>5233</u>	<u>228</u>	<u>sand and shale</u>
<u>5233</u>	<u>5390</u>	<u>157</u>	<u>sand and shale</u>
<u>5390</u>	<u>5558</u>	<u>168</u>	<u>sand and shale</u>
<u>5558</u>	<u>5700</u>	<u>142</u>	<u>sand and shale</u>
<u>5700</u>	<u>5904</u>	<u>204</u>	<u>sand and shale</u>
<u>5904</u>	<u>6337</u>	<u>433</u>	<u>sand and shale</u>
<u>6337</u>	<u>6424</u>	<u>87</u>	<u>sand and shale</u>
<u>6424</u>	<u>6700</u>	<u>276</u>	<u>sand and shale</u>
<u>6700</u>	<u>6975</u>	<u>275</u>	<u>sand and shale</u>
<u>6975</u>	<u>7389</u>	<u>414</u>	<u>sand and shale</u>
<u>7389</u>	<u>7407</u>	<u>18</u>	<u>sand</u>

FORMATION RECORD—Continued



1000 2000 3000 4000 5000

PLEASE PRINT NAME AND ADDRESS CORRECTLY

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

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FORMATION	TO -	TOTAL FEET
hard sand and shale	7488	81
hard sand and shale	7495	7
hard sand and shale	7520	25
hard sand and shale	7533	13
hard sand and shale	7543	10
hard sand and shale	7560	17