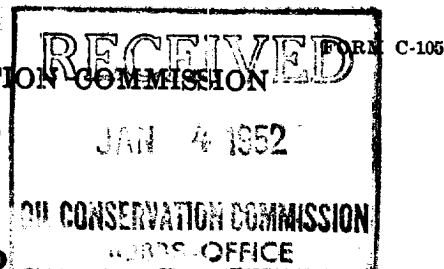


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

AZTEC OIL AND GAS COMPANY

F. DAURON

Company or Operator _____ Lease _____
Well No. 3 in NE NE of Sec. 10, T. 2S
R. 37E, N. M. P. M., Hare Field, Lee County.
Well is 330' feet south of the North line and 990' feet west of the East line of Sec 10-21-37
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is F. Dauron, Address Carlsbad
If Government land the permittee is _____, Address _____
The Lessee is Astec Oil and Gas Co., Address 1104 Burt Bldg., Dallas, Tex.
Drilling commenced 10-9-51 19____ Drilling was completed 12-6-51 19____
Name of drilling contractor Two States Drilling Co., Address Dallas, Texas
Elevation above sea level at top of 8-5/8" Csg 3414 feet. Elev DF 3430'
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 7460 to 7630 No. 4, from _____ to _____
No. 2, from 7660 to 7692 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

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

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED TO	PURPOSE
13-3/8"	4.8#	8	New	309	Guide			Surface
8-5/8"	28.55#	8	New	3027	Float			Intermediate
5 1/2"	15.5#	8	New	6340	Float			Production
5 1/2"	17#	8	New	975				Production
2" EUE	4.70#	8	New	7462	Tubing			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13-3/8"	225	200	Halliburton Plug		
11	8-5/8"	3002	3000	Halliburton Plug		
7-3/8"	5 1/2"	7772	350	Halliburton Plug		
2" EUE	Tubing	738				

PLUGS AND ADAPTERS

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

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
None						

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 7700' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing 12-11-51 19____
The production of the first 24 hours was 212 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ Choke 9/64" GOR 14.75 CF/bbl

EMPLOYEES

Two State Drilling Co., Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Hobbs, New Mexico December 31, 1951
Name Brent A. Webb Date _____
Position Engineer
Representing Astec Oil and Gas Co. Company or Operator.
Address PO Box 864
Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Driller's Log			
0	425	425	Surface sands and caliche
425	1300	875	Red beds, sand and shells
1300	2560	1260	Salts and shale
2560	2930	370	Anhydrite
2930	3005	75	Anhydrite and lime
3005	3700	695	Lime
3700	4190	490	Lime and sand
4190	4820	630	Sandy lime
4820	5130	310	Sand and lime
5130	5510	380	Sand and lime
5510	7510	2000	Lime
7510	7610	100	Lime and shale
7610	7630	20	Shale
7630	7650	20	Lime and sand
7650	7680	30	Lime
7680	7710	30	Lime, sand and shale
7710	7780	70	Lime and shale
7780 TO			
7730 FEED			
Geological Log:			
Top anhydrite	1230		
Top Salt	1480		
Base Salt	2500		
Clarista	5320		
Eljocoy	5640		
Drinkard	6500		
Tubbs	6130		
Simpson	7382		
Mckee	7460		
Ellenberger L.	7720		
Drill Stem Tests:			
#1 - 5452-5735	Open 5 hours; gas 4 minutes; Mud 15 min.; Flowed light spray oil estimated $\frac{1}{2}$ bbl/hr. Gas estimated $\frac{1}{2}$ MCF/D.		
#2 - 6150-6260	Open 3 hours; gas 35 min.; Rec. 130' slightly gas cut mud.		
#3 - 6973-7076	Open 2 $\frac{1}{2}$ hrs.; Gas 8 min.; Rec. 220' oil.		
#4 - 7077-7122	Pie-run		
#5 - 7088-7157	Open 50 min.; Rec 600' mud.		
#6 - 7268-7325	Open 4 hours; Gas 5 min.; Rec. 2500' oil.		
#7 - 7330-7379	Open 3-3/4 hours; Gas 5 min.; Oil 60 min.; Flowed 5 bbls/hr.		
#8 - 7374-7428	Open 1 hour; Rec. 20' mud.		
#9 - Test. 7460-7630	Open 9 hours; Gas 3 min.; Oil 10 min.; Flowed 332 bbls/Day based on $\frac{1}{2}$ hour stabilized test.		
#10 - Test 7660-7692	Open 4 hours; Gas 5 min; Oil 8 min.; Flowed 800 bbls/day based on 3 hour test.		