

U. S. LAND OFFICE _____
 SERIAL NUMBER **079065** _____
 LEASE OR PERMIT TO PROSPECT _____
Blackwood

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil and Gas Company Address Drewer # 570, Farmington, New Mexico
Lessor or Tract Hagood Field Totah Gallup State New Mexico
Well No. 23-G Sec. 19 T. 29N R. 13W Meridian N.M.P.M. County San Juan
Location 1980 ft. N. of S Line and 660 ft. W. of E Line of Section 19 Elevation 5384 ft. M.S.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.

Signed ORIGINAL SIGNED BY JOE C. SALMON Joe C. Salmon
Date March 30, 1961 Title District Superintendent

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

Commenced drilling 3/14/61, 1961 Finished drilling 3/22/61, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5164 to 5180 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—	
2 1/2	4.4	20	3-35	500	state king of w...	state king of w...	and leather of binding	and leather of binding	and leather of binding
2 3/8	4.4	20	3-35	500	state king of w...	state king of w...	and leather of binding	and leather of binding	and leather of binding
HISTORY OF OH OK C-2 LEFT									
							10-13004-5	10-13004-5	SHIPPING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	199	165	displacement		
4 1/2	5225	400	two plug		
2 3/8	5168	---			

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
Sand-Gill	Faced with 18,000# sand,	692 Huls. oil,	flushed with 200 Huls. oil			
Breakdown pr.-	2200, Maximum - 3200,	Avg.-	3000, I.R.- 19.8 bpm	5 min.	shut-in -	

TOOLS USED

Rotary tools were used from ----- 0 ----- feet to 5233 feet, and from ----- feet to ----- feet

Cable tools were used from ----- 0 ----- feet to 5210 feet, and from ----- feet to ----- feet

DATES

Put to producing 3/28/61, 1961

The production for the first 24 hours was 312 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. _____

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
0	200	200	surface
200	1275	1075	sand and shale
1275	2768	1493	sand and shale
2768	3487	719	sand and shale
3487	3978	491	sand and shale
3978	4460	482	sand and shale
4460	4953	493	sand and shale
4953	5225	272	sand and shale
			PICTURED CLIFFS- 1068 CLIFF HOUSE- 2680 POINT LOOKOUT- 3583 GALLUP- 4795
FROM—	TO—	TOTAL FEET	FORMATION

PICTURED CLIFFS- 1088
CLIFF HOUSE- 2680
POINT LOOKOUT- 3583
GALLUP- 4795

