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U.S. GEOLOGICAL SURVEY

# Geological Report

BURTON & HAWKS, INC.

~~ALLEN~~  
GLEN

#1B ~~ALLEN~~ SPAULDING (WHIPSTOCK)

SOUTHWEST SOUTHEAST

SECTION 21, TOWNSHIP 9 NORTH, RANGE 81 WEST

JACKSON COUNTY, COLORADO



00287268

C. S. CANNAN  
PETROLEUM GEOLOGIST

BURTON & HAWKS, INC.

#1B Allen Spaulding (Whinstock)

Southwest Southeast

Section 21, Township 9 North, Range 81 West

Jackson County, Colorado

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STATISTICAL WELL DATA

OPERATOR	BURTON - HAWKS, INC.
Lease	#1 B Allen Spaulding
Location	SW SE Sec. 21 T9N R81W
Elevation	8192 K.B.
Status	Development
Contractor	George McGee Drilling Company
Pusher	George McGee
Spud Date	September 13, 1972
Set Surface	September 15, 1972
Under Surface	September 16, 1972
Completed Drilling	October 28, 1972
Plugged	October 28, 1972
Mud Company	Basin Mud Company
Mud Engineer	Joe King

DAILY CHRONOLOGICAL REPORT

- 10/19/72      Mixing Gel, conditioning hole & mud. Come out of hole.
- 10/20/72      In hole with Dyna drill. Trip for new bit @ 1659' Drilling at 11:30 P.M.
- 10/21/72      Trip out @ 7:30 P.M. Lay down Dyna drill. Pick up 2 collars. Clean mud tanks & mix mud.
- 10/22/72      Trip for Dynadrill Run #3 @ 7:00 A.M. 1909' Drilling 2017' @ 12:00 P.M.
- 10/23/72      Pull Dyna drill @ 2022'. Pick up reamer & 5 light collars. Ream 8 joints to bottom. On bottom @ 3:00 P.M. Drilling 2117' @ 12:00 P.M.
- 10/24/72      Start out of hole @ 8:00 A.M. (2214') to take off 4" collars. Tight hole. Clean pits & mixing mud. Add 30bbls oil. Back to bottom with bit & condition mud. Come out of hole with light drill collars. Left bit & 1.4' sub on bottom. Order fishing tool.
- 10/25/72      Go in hole w/overshot @ 5:00 A.M. Recover fish. In hole w regular collars. Bit #14 & reamers. On bottom drilling 2:00 P.M. Drilling 2303' @ 12:00 P.M..
- 10/26/72      Trip for bit #15 @ 2402'. Add 2 drill collars. Total (5 1/2").
- 10/27/72      Drilling 2599' @ 8:00 A.M. Trip for Bit #16 @ 2533'. Jet pits. Mix mud.
- 10/28/72      Drilling @ 2782 @ 8:00 A.M. T.D. 2796' @ 9:37 A.M. in Benton Shale.

## BIT RECORD

Bit Size - 7 7/8

No.	Make	Type	Depth In	Depth Out	Footage	Time
Hole #1						
1	HTC	OSC1G	0	345	345	7 3/4
2	SEC	S4	345	1723	1378	12 1/2
3	SEC	S88	RERUN			
Hole #2						
4	SEC	S4	469	660	164	6 3/4
5	HTC	OSC1G	660	1187	527	14 1/4
6	SEC	MAN	1187	2095	908	10 3/4
7	HTC	OW4	2095	2812	717	14 1/2
Hole #3						
8	HTC	OSC1G		1427	199	8 1/2
9	HTC	OSC1G	1427	1567	142	8 3/4
10	HTC	OSC1G	1567	1813	244	14 1/2
11	SEC	S4	1813	1909	96	5 3/4
12	REED	YT1A	1909	2022	113	11 1/4
13	SEC	S4	2022	2214	192	16
14	HTC	OW4	2214	2402	188	17 3/4
15	HTC	OW4	2402	2633	231	15 3/4
16	SEC	MAN	2633	2796	163	13 3/4

ALLEN SPAULDING WELLS

MUD RECORD

1 - A

10/10/72 10 sx Gel  
2 sx Ray Flow  
4 sx Soda

10/11/72 2 sx Soda Ash

1 - B

10/19/72 25 sx Gel  
50# Caustic

10/21/72 29 sx Gel  
2 sx Ray Van  
100# Soda Ash  
5 gal Detergent

10/23/72 31 sx Gel  
1 sx Phosphate  
1 sx CLS  
1/2 sx CMC  
15 Gal Detergent

10/24/72 14 sx Gel  
5 sx CLS  
5 Gal Detergent  
2 sx Caustic  
30 hbbs Oil

10/25/72 1 sx Caustic

10/27/72 20 sx Gel  
1 sx Caustic