

30-045-09458

Stewart M. ...
Log. No. 889

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

COUNTY San Juan
FIELD ~~Aze~~ c
COMPANY AZTEC Oil Syndicate
LEASE Well No. 1
LOCATION (¼) NW cor SE $\frac{1}{2}$ SW $\frac{1}{2}$
SEC. 16 T. 30N R. 11W
1270 feet from south line and
1370 feet from west line of Section
COMMENCED
COMPLETED
ABANDONED
REMARKS:

CASING RECORD		ELEVATION 5661	FEET
Diam., in	Bottom	INITIAL DAILY PRODUCTION:	
15 $\frac{1}{2}$ "	85'	Open	bbls. Oil
12 $\frac{1}{2}$ "	315'	Open	4,000 cu. ft. Gas
10"	500'	Tbg.	bbls. Oil
8 $\frac{1}{2}$ "	1000'	Tbg.	cu. ft. Gas
6 $\frac{1}{2}$ " went to 1700', pulled this but had to shoot.			
Left 500' in hole.			

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
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Sand white	85
Shale, dark	115
Sand, light	145
Shale, dark	190
Shale, light	215
Sand, light, Sulphur water	300
Shale, light	365
Shale, light, gritty	400
Sand, white, sulphur water	480
Shale, dark	580
Sand, white	610
Shale, dark	650
Sand, white	700
Shale, dark	790
Sand, white, showing oil	825
Shale, gritty	835
Sand, white, showing oil	850
Shale, dark	885
Sand, white - Big GAS from 893 to 895	895
Sand making GAS	935
Shale dark	945
Sand, white	995
Shale, dark	1095
Sand - Salt water and Oil	1110
Shale, dark	1200
Sand, white, making Gas	1210
Shale, dark	1290
Sand, white, salt water	1305
Shale, last 5 feet very hard	1345
Gritty shale making gas probably 100,000 feet.	
All further drilling to 1750' was dark shale.	

NOTE: Plugged Back to 985'.
Rock Pressure 285#.
2/10 gals. gasoline /1000 cu. ft.g.

Hole was plugged just below Big Gas.

Oil sand at 1100' made about 3 or 4 barrels of 42 gravity oil with about 25 barrels of salt water.

San Juan COUNTY SEC. 16 T. 30N. R. 11W
 Aztec AREA LOG NO. ~~888~~ 889 *Enter oil separator* CO.
 Aztec (602 well) WELL NO. 1

NEW MEXICO BUREAU OF MINES AND MINERAL RESOURCES
 WELL LOG CARD

LOCATION 1270 S. 12th St.
 NWSE JW SEC. 16 T. 30N. R. 11W
 ELEVATION 5661' SOURCE *

STRATIGRAPHIC POINT	DEPTH	ELEV.
Oil sand	785'	
Gas "	785-985'	
Oil "	985-1115'	
FORMATION	DEPTH	THICKNESS

TOTAL DEPTH	1750'	CASING RECORD
INITIAL PROF.	4M cu ft Gas	15 1/2" 91'
COMMENCED		12 1/2" 315'
COMPLETED		10" 741'
PAY HORIZON		8 1/4" 1020'
COMP. IN		6 1/4" 1700'
OTHER OWNERSHIP		

Plugged back to 985' by 12 1/2" casing
 Rock Pressure 285*
 20/100 gal gasoline per 1000 cu ft Gas
 C.C.C.