

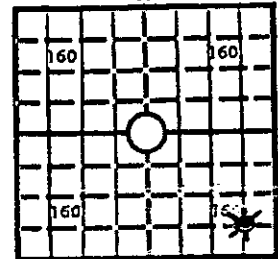
**KANSAS DRILLERS LOG**

S. 19 T. 27 R. 10 <sup>E</sup>/<sub>W</sub>

Loc. C SE SE

County Kingman

640 Acres  
N



Locate well correctly

Elev.: Gr. 1707

DF      KB     

API No. 15 — 095 — 20,314-0000  
County Number

Operator Gemini Oil Company

Address 1408 Philtower Building  
Tulsa, Oklahoma

Well No. #1-A Lease Name North Miles

Footage Location 635 635  
feet from (W) (S) line feet from (E) (N) line

Principal Contractor Sterling Drilling Co. Geologist Allen Siemens

Spud Date July 5, 1973 Total Depth 1760 P.B.T.D. ---

Date Completed July 9, 1973 Oil Purchaser ---

**CASING RECORD**

Report of all strings set— surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	9"	7"	20#	200	Common	130	3% Ca Cl
Production	6½"	4½"	9.5	1759	Posmix	75	Salt saturated

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
—			4	Sand Cuts	1676½ - 1677½

**TUBING RECORD**

Size	Setting depth	Packer set at
2-3/8"	1676	None

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
250 gallons MCA & 2000 gallons Howco	Sand Cuts
15% Non E	

**INITIAL PRODUCTION**

Date of first production <u>7/31/73</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Flow</u>
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. <u>1,359</u> Gas MCF <u>    </u> Water bbls. <u>    </u> CFPB <u>    </u>
Disposition of gas (vented, used on lease or sold) <u>To be sold</u>	Producing interval (s) <u>1676-78</u>

RECEIVED  
FEB 25 2013

KCC WICHITA

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator <b>Gemini Oil Company</b>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. <b>1A</b>	Lease Name <b>North Miles</b>	<b>Gas</b>
S <u>19</u> T <u>27</u> R <u>10</u> <sup>W</sup> <sub>W</sub>		

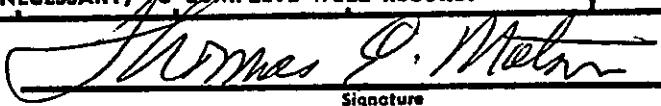
**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & Gravel	0	100		
Shale	100	205		
Clay, Shale, Sand	205	775	Chase Group	
Shale & Lime	775	1395	Herington	1522
Lime	1395	1510	Krider	1534
Lime & Shale	1510	1612	Winfield	1595
Lime & Chert	1612	1665	Towanda	1658
Lime	1665	1760 TD	Ft. Riley	1707
<p>Ran Welex Radiation-Guard &amp; Density Logs (Enclosed)</p> <p>Ran 2 Halliburton DST's  DST #1 1522-72 15-15-15-15.  Very weak blow. Died in 10 min.  Rec 15' rotary mud  IHP 853 IFP 28-38 ICIP 56  FFP 38-38 FCIP 47 FBHP 844  DST #2 1659-90 30-30-90-60  Gas to surface in 7 min.  Stabilize in 90 min. @ 182,000  Rec 115' rotary mud  IHP 939 IFP 28-113 ICIP 596  FFP 76-132 FCIP 596 FHP 872</p>				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	 Signature
	President Title
	August 8, 1973 Date
	<b>RECEIVED</b> <b>FEB 25 2013</b>