

WELL RECORD

WELL NO. 1 LEASE PHILLIPS

COMPANY ATLAS MINERALS

A.F.E.

DATE—DRILLING BEGAN 6-29-69

WELL COMPLETED 8-1-69

FIRST PRODUCTION 8-12-69

SAND RECORD White Cloud 2051' Simpson 4325'
Kansas City 3284'
Mississippi 3927'

TOTAL DEPTH 4346'
PBDT 4178'

INITIAL PRODUCTION

"F" 11.67 BOPD w/37% Water
(State Test - 12-8-69)

590' FSL & 445' FWL
SE/4, Sec. 26-32S-4W
Sumner Co., Kansas
S— 26 T— 32S R— 4W

CASING RECORD

SIZE	WEIGHT	THD.	CLASS	MAKE	SET AT DEPTH	SACKS CEMENT	LBS. CAL. CHLO.	PULLED	LEFT IN
8 5/8"	20#			Republic	256'	225	50/50	Pozmix	
							W/3% HA-5		
4 1/2"	9.5#		K-55	Republic	4211'	150	Salt Saturated		
							50/50 Pozmix		
2 3/8"	4.7#	EUE	J-55	Republic Tubing	3998'				

ELEVATION— 1214' G.L.
1219' K.B.

- DST #1 (White Cloud), 2038'-2110'; Open 10 min., SI 30 min., Open 60 min., SI 30 min.; Rec. 140' mud w/Tr. Wtr. & 60' water mud. ICIP 936#, IFP 34#, FFP 112# & FCID 859#.
- DST #2 (Miss.), 3978'-4008'; Open 10 min., SI 30 min., Open 60 min., & S.I. 45 min.; Gas to surface in 5 min. - Too small to measure; Rec. 2100' Gassy, Slightly muddy oil & 125' muddy salt wtr.; ICIP 1575#, IFP 133#, FFP 513#, & FCIP 1489#.
- DST #3 (Miss.), 4018'-4060'; Open 10 min., SI 30 min., Open 60 min. & SI 45 min.; Weak, Steady Blow throughout flow period; Rec. 150' V. Sl. Gas cut watery mud; ICIP 1461#, IFP 28#, FFP 85#, & FCIP 1414#.
- DST #4 (Simpson), 4325'-4330'; Open 30 min., SI 30 min., Open 30 min., & SI 45min.; Very weak Blow 20 min. & No Blow 10 min. during First Flow; Rec. 5' Drlg. Mud w/Faint Show of Oil; ICIP 17#, IFP 5#, FFP 14#, & FCIP 14#.
- DST #5 (Simpson), 4325-4339' - Misrun.
- DST #6 (Simpson), 4325'-4339'; Open 30 min., SI 30 min., Open 30 min., & SI 30 min.; Weak Blow during First Flow & 5 Min. of Second Flow; ICIP 43#, IFP 17#,- FFP 26#, & FLIP 35#.
- DST #7 (Simpson), 4325'-4346'; Open 10 min., SI 30 min., Open 60 min., & SI 45 min.; Steady Blow; Rec. 1728' salt water; ICIP 1750#, IFP 241#, FFP 868#, & FLIP 1750#.

Core #1 3981'-4008'.

Core #2 4008'-4060'.

Perforated w/2 Jets/Ft. (20) 3986'-3996'.

Acidized 3986'-3996', w/500 Gal. Dowell X W35 (15% HCl)

Acidized 3986'-3996', w/1000 Gal. Dowell Jel X 100 (Retarded 15% HCl)

STATE OF KANSAS
STATE CORPORATION COMMISSION-CONSERVATION DIVISION
500 Insurance Building-212 North Market
Wichita 2, Kansas

DATA AND AFFIDAVIT

(File one Copy)

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137, and 55-138, 1947 Supplement to G. S. Kansas 1935)

Lease Owner Atlas Minerals, Div. of Atlas Corp.Office Address 707 Nat'l Bank of Tulsa Bldg., Tulsa, Oklahoma 74103Lease Name L. Phillips Well No. 1

Well Location (Example: C N/2 NE/4 NE/4 or footage from lines)

C SW SE SEC 26 TWP 32S RGE 4W (E) County SumnerContractor Sage Drilling Co., Inc.Office Address 500 Bitting Building, Wichita, Kansas 67202Drilled with (~~xxxxx~~) (Rotary) tools: Date pipe set June 29, 1969SURFACE HOLE DATASURFACE PIPE DATASize of Hole 12 1/4" Csg. (New) (~~Used~~) Size 8-5/8" Wt. 20#Depth 258' Where set 256'METHOD OF CEMENTING(a) Cement: Amount and kind 225 sax Halliburton CementMethod: (By Service Co., Dump, Tog., etc.) HalliburtonEst. Height Cement behind pipe Circ. to Surface

(b) Cementing Material: Explain method. (Example: 8-5/8 w/swag nipple run inside 15", Bridge hold 2/rock and hole filled with cementing material, 15" pipe pulled.)

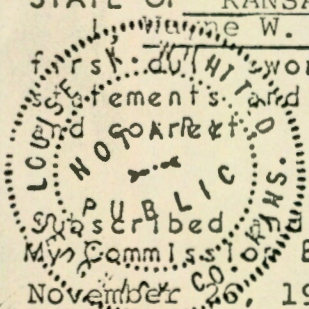
Describe cementing material Halliburton's HA-5 PozmixGROUND WATER INFORMATIONDepth to bottom of lowest fresh water producing stratum 100'Name of lowest fresh water producing stratum UnknownSurface elevation of well Est. 1240ADDITIONAL INFORMATION

(Additional Information may be submitted on separate sheet)

A F F I D A V I TSTATE OF KANSAS, COUNTY OF SEDGWICK SS,I, Wayne W. Kahmeyer, of the Sage Drilling Company, being first sworn on oath, state: That I, have knowledge of the facts, and matters herein contained and that the same are trueSubscribed and sworn to before me on this 30th day of June, 1969

My Commission Expires:

November 30, 1970.



DATE Feb 10 1970

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

WELL NAME AND NUMBER <i>Phillips #1</i>		LOCATION <i>26-32s-4w</i>		CUSTOMER REPRESENTATIVE <i>Mr. Gove</i>		TREATMENT NUMBER <i>3-6-2163</i>	
POOL <i>Yarnell</i>		FORMATION <i>Miss</i>		JOB DONE DOWN TUBING ☒ CASING ☐ ANNULUS ☐		ALLOWABLE PRESSURE TSB: _____ CSG: _____	
COUNTY <i>Sumner</i>		STATE <i>Kansas</i>		TYPE OF WELL OIL ☒ GAS ☐ WATER ☐ INJ. ☐			
TYPE OF SERVICE <i>Ac. Lizing</i>				AGE OF WELL NEW WELL ☐ REWORK ☐		TOTAL DEPTH <i>4170</i>	CIRC. BHT.
CUST. NAME ☐ <i>Atlas Minerals Div. Mtn Corp.</i> ☐				CASING SIZE <i>4 1/2</i>	CASING DEPTH <i>4211</i>	TUBING SIZE <i>2</i>	TUBING DEPTH <i>4016</i>
ADDRESS <i>707 NBT Building</i>				LINER SIZE	LINER DEPTH	PACKER TYPE	PACKER DEPTH
<i>Tulsa, Oklahoma</i>				OPEN HOLE	CSG. GRANRL. VOL.	TBS VOLUME <i>15.6</i>	STATIC BHT.
CITY, STATE & ZIP CODE <i>74103</i>				PERFORATED INTERVALS			
REMARKS: _____				DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
				<i>5986-76</i>	<i>20</i>	<i>Old Perforation</i>	
				<i>5975-80</i>	<i>14</i>	<i>New Perforation</i>	
FOR CONVERSION PURPOSES 24 BBLS EQUALS 1000 GALLONS							
ARRIVED ON LOCATION: <i>8.00</i>							

TIME	INJECTION		PRESSURE		SERVICE LOG
	RATE	BBLS IN	CSG.	TBG.	
8.40			500	50	BR Start to Tbg To F.W.Well
			Mix	J145	Temporary Plug
8.52				BR	Return on Annulus, Shut down
8.54	0			J145	Temp Plug Start to Tbg, Check Annulus
8.58	7			J141	"
8.58	0			BR	Flush Continue to Formation
9.05	8		400	400	BR " Slow Pump
9.14			850	850	BR " Pressure Reading
9.17	13		800	800	BR Shut down, Bleed Pressure
					off Annulus, Pull 1 Joint, Tbg. Pump 2 1/2
					Bbl to Tbg. Then hook to annulus on 1
					Pump 2 Bbl To annulus with pressure of 600psi
					Hook Back To Tbg.
9.54	0			XW35	Start to Tbg. Bleed Acid to Pits
10.03	16		200	XW35	Acid on Pits, Close Annulus
10.05			400	XW35	Pump Intermediate
10.18	17		300	XW35	Pumping, Steady Speed Pump
10.26	.9	24	300	XW35	
10.26	0		300	BR	Flush
10.40	1.25	18	250	BR	Flush Complete

TIME LEFT LOCATION		AVG. LIQUID INJ. RATE		ADJ. INJ. RATE (SOLIDS INC.)		TOTAL FLUID PUMPED		PROPS AND LIQUIDS INJECTED			
11:30		1.1				OIL		WATER			
MAX. PRESSURE		AVG. PRESSURE		FINAL PUMP IN PRESSURE		SHUT IN PRESSURE		TYPE		SIZE OR PURPOSE	
400		300		250		IMMEDIATE		15 MINUTES		AMOUNT	
						175		Val		1000	
DOWELL LOCATION				DOWELL ENGINEER							
Med Lodge				Kocner							
CALL BACK		DATE		CUSTOMER REP. CONTACTED		CUSTOMER CONSIDERED SERVICE		☐ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKNOWN		PROD. BEFORE TREATMENT ☐ TEST ALLOWABLE	
										PROD. AFTER TREATMENT ☐ TEST ALLOWABLE	
										DAYS	

DOWELL

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE _____

Feb 13, 1970

[illegible]

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: 12:00

TIME	INJECTION		PRESSURE		SERVICE LOG
	RATE	BBLS IN	CSG.	TBG.	
12.20			500		BR Start to Tbg To Load Hole
12.37					BR Fluid Returns on annulus
12.40		0			MA Acidize Start to Tbg, Bleed To Ports
12.50		16			MA Acid on Ports End of Bleed
12.51					MA Acidize Start to Escalator
12.52			300	300	MA " Feeding
12.55	.33	17	25	25	MA " Speed Pump
B01	1.1	24	50	50	MA
B01		0	50	50	BR Speed Pump
B09	2.0	16	200	200	BR Fluid Complete
			Var	Var	To Ann Pressure Drop

TIME LEFT LOCATION		AVG. LIQUID INJ. RATE		ADJ. INJ. RATE (SOLIDS INC.)		TOTAL FLUID PUMPED		PROPS AND LIQUIDS INJECTED					
OIL		WATER						TYPE		SIZE OR PURPOSE		AMOUNT	
MAX. PRESSURE		AVG. PRESSURE		FINAL PUMP IN PRESSURE		SHUT IN PRESSURE							
IMMEDIATE		15 MINUTES											
DOWELL LOCATION				DOWELL ENGINEER									
DATE				CUSTOMER REP. CONTACTED				CUSTOMER		PROD. BEFORE TREATMENT		PROD. AFTER TREATMENT	
CALL BACK								CONSIDERED		TEST		TEST	
								SERVICE		ALLOWABLE		DAYS	
								☐ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKNOWN		☐ TEST ☐ ALLOWABLE		☐ TEST ☐ ALLOWABLE	