

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5575 EXPIRATION DATE 7-85

OPERATOR Mesa Petroleum Co. API NO. 15-119-20653-00-00

ADDRESS P. O. Box 2009 COUNTY Meade

Amarillo, Texas 79189 FIELD Undesignated Mohler, N.E.

** CONTACT PERSON Wayne Riddle PROD. FORMATION Morrow

PHONE (316) 624-0814

PURCHASER Koch Oil Company LEASE Hissom

ADDRESS 4111 E. 37th St., North WELL NO. 1-31

Wichita, Kansas 67220 WELL LOCATION C NW NE

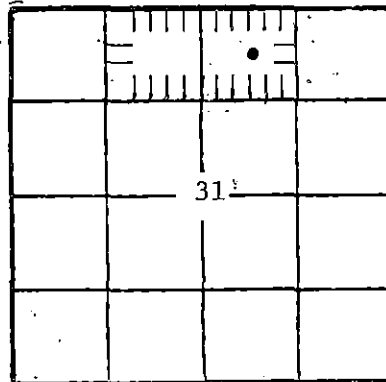
DRILLING Zenith Drilling Corp. #5141 660 Ft. from North Line and

CONTRACTOR ADDRESS Suite 505, Fourth Financial Center 1980 Ft. from East Line of

Wichita, Kansas 67202 the NE (Qtr.) SEC 31 TWP 33 RGE 28 W

PLUGGING CONTRACTOR ADDRESS

WELL PLAT (Office Use Only)



KCC KGS SWD/REP _____ PLG. _____

TOTAL DEPTH 5800' PBTD 5752'

SPUD DATE 3-15-84 DATE COMPLETED 5-6-84

ELEV: GR 2364' DF 2373' KB 2374'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 1474' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil) Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

R. E. Mathis, Regulatory Coordinator, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

R. E. Mathis (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 18th day of June, 19 84.

RECEIVED STATE CORPORATION COMMISSION JUN 20 1984 Dava Redus (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 5-14-88

CONSERVATION DIVISION Wichita, Kansas

** The person who can be reached by phone regarding any questions concerning this information.

XC: KCC(O+2), CEN RCDS, ACCTG, RES ENG, GAS CONT, WELL FILE, MID CONT, LIBERAL, REGULATORY, PARTNERS, MC&P, D&M

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Mesa Petroleum Co.

LEASE Hissom

SEC. 31 TWP. 33 RGE. 28W

FILL IN WELL LOG AS REQUIRED:

FORMATION DESCRIPTION, CONTENTS, ETC.			TOP	BOTTOM	NAME	DEPTH
DST #1 5590'-5667'					B. Heebner	4294'
Results of DST #1 in the Morrow Formation from 5590' to 5667' (77') ran on 3-24-84.					Lansing	4454'
TOP PRESS CHART					Swope LS	4932'
TEST INCREMENTS					Hertha LS	5000'
BOTTOM PRESS CHART					B. KC	5070'
2670	IHP (psig)		2698		Marmaton	5094'
252-273	30 min IFP (psig)		283-316		Cherokee	5264'
1055	60 min ISIP (psig)		1104		Morrow	5586'
317-426	60 min FFP (psig)		327-523		Chester	5658'
1097	120 min FSIP (psig)		1115			
2659	FHP (psig)		2688			
122	Temp (°F)		122			
DRILL PIPE RECOVERY			PIPE IN HOLE			
4587 feet of gas.			SIZE & WT DP: 4 1/2", 16.6#			
60 feet of slightly O&GCM			ID OF DC: 2 1/4"			
480 feet of GCO			LENGTH OF DC'S: 467'			
540 feet of slightly O&GCSW						
7 BO recovered & 4 bbls MCSW						
SAMPLER RECOVERY						
2.25 cf gas.						
450 cc oil. API Grav = 31° @ 67°F.						
800 cc water. Resistivity = .04 @ 65°F			Cl ⁻ = 120,000 ppm			
0 cc mud.						
Mud pit sample resistivity = .85 @ 60°F			Cl ⁻ = 4700 ppm			
GOR = 795 scf/bbl						
Sampler pressure = 350 psig						

Report of all strings set — surface, intermediate, production, etc. CASING RECORD **(New)** or (Used)

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	12 1/4"	8 5/8"	24#	1474'	A/H	550/200	2.5% Lodense/ 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	5795'	H	310	6#/sx D-70 5% KCl, 5/10% D-19

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 JSPF	.50"; 4" csg gun	5614'-5620'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	5620'	---

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
CA/500 gals 7 1/2% HCl	5614'-5620'
A/500 gals 15% HCl + 32 bbls 2% KCl	5614'-5620'
F/1000 gal 7 1/2% HCl + 12,000 gal gel KCl/Methanol + 10,000#	5614'-5642' (By GR-Temp log)

Date of first production 5-2-84	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 31°
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RATE OF PRODUCTION PER 24 HOURS	Oil 83 bbls	Gas 227 MCF	Water %	Gas-oil ratio 2.735	CFPB
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Disposition of gas (vented, used on lease or sold) Vented	Perforations 5614'-5620'
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