

20-11-16W

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

State Geologist Survey

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5208 EXPIRATION DATE 6/30/83
OPERATOR Mobil Oil Corporation API NO. 15-051-23,247
ADDRESS P. O. Box 5444 COUNTY Ellis
Denver, CO 80217 FIELD Potter
** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Arbuckle
PHONE 303/572-2696

PURCHASER - LEASE Potter "A"
ADDRESS - WELL NO. 3R

DRILLING DaMac Drilling Inc. WELL LOCATION NW SE SW
CONTRACTOR 1910 ft. from South Line and
ADDRESS P. O. Box 1164 2310 ft. from East Line of
Great Bend, KS 67530 the SE(4tr.) SEC 20 TWP 11S RGE 16W

PLUGGING -
CONTRACTOR -
ADDRESS -

TOTAL DEPTH 3714' PBDT 3671'
SPUD DATE 12/3/82 DATE COMPLETED 4/14/83
ELEV: GR 1773' DF KB 1781'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE (CD-58320 (C-21998)).

Amount of surface pipe set and cemented 1132' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion. Other completion. NGPA filing

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

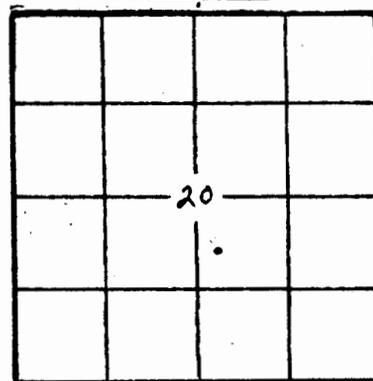
A F F I D A V I T

C. J. Park

that: _____, being of lawful age, hereby certifies

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit.

WELL PLAT



(Office Use Only)

KCC
KGS
SWD/REP
PLG.
NGPA

82444

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Mobil Oil Corporation LEASE Potter "A"

SEG. 20 TWP. 15 RGE. 16W (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 3R

Show all important zones of permeability 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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. <input type="checkbox"/> Check if samples sent to Geological Survey				
Sand, shale	0	1019	Arbuckle	3313
Anhydrite	1019	1157		
Red Bed	1157	1250		
Red Bed, shale	1250	1880		
Shale, Lime	1880	3714		
See attached sheet for summary of operations.				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized Arbuckle zones with 3000 gal. 28% inhibited HCl and 2000# rock salt, gelled in fresh water. Pumped 1000 gal., 750# rock salt, 750 gal. acid, 500# rock salt, 500 gal. acid.	3646-3580
Date of first production	Producing method (flowing, pumping, gas lift, etc.)
Estimated Production -I.P.	Gravity
Oil bbls.	Gas MCF
Water %	Gas-oil ratio bbls. CFPB
Disposition of gas (vented, used on lease or sold)	Perforations 3646-3580

If additional space is needed use Page 2,

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#	1132'	65/35 poz Class H	400	10% salt 3% CaCl ₂
Production	7 7/8"	5 1/2"	14#	3714'	Class H RFC	635	50/50 LP + 6% gel + 1#/sk cellophane
						85	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					364661, 3630-38
TUBING RECORD					3586-3600
Size 2 7/8"	Setting depth	Packer, set, etc.			3570-80

OPERATOR Mobil Oil Corporation LEASE NAME Potter A

SEC. 20 TWP. 11SRGE. 16W (W)

FILL IN WELL LOG AS REQUIRED: WELL NO. 3-R

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
<p><u>Summary of Operations:</u></p> <p>Five Star Well Service rigged up double drum derrick, ran 4 7/8" rock bit on 2 7/8" work string to 3671'. Golden "B" Hydra-drill displaced fluid in hole w/lease water. Welex ran a Gamma-Collar log from 3671' to 2600'. Perforated Arbuckle zones 3646-61', 3630-38', 3586-3600' and 3570-80' w/4 s.p.f. Ran Baker Lok-Set "A-2" retrievable casing packer w/Baker "FL" on/off sealing connector, tools coated w/PA-400 J & E. Set at 3533'. Dent Acidizing acidized Arbuckle Zones with a total of 3000 gal. 28% inhibited Hcl, and 2000# rock salt gelled in fresh water. Pumped 1000 gal. acid, max. pressure 1000 psi-min. press. 100 psi. Pumped 750# rock salt, 750 gal. acid, 750# rock salt, 750 gal. acid, 500# rock salt, 500 gal. acid I.S.I.P. - vacuum. Hooked bases to swab tank established injection rate of 210 bbl/hr. on vacuum. Released on/off sealing connector, pulled 2 7/8" steel work string. Ran on/off sealing connector on 114 jts., 4'-6'-8'-10' subs, Star Fiberglass 1650 psi working pressure 2 7/8" tubing. Treated annulus space w/60 bbls. fresh water, and 15 gal. Champion R-2264 packer fluid. Pressure tested annulus space at 300 psi. for 20 min. Closed well in waiting for K.C.C. permit to dispose of salt water.</p>				

State Geological Survey
WICHITA BRANCH