

**AFFIDAVIT OF COMPLETION FORM**

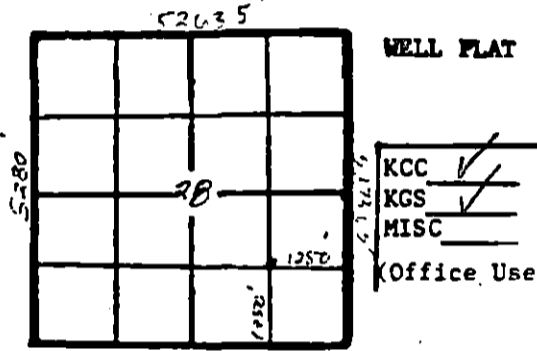
ACO-1

This form shall be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well regardless of how the well was completed. Circle one: Oil, RAB dry, SWD, OWWO, injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316)263-3238.

OPERATOR Mobil Oil Corporation  
 ADDRESS P. O. Box 5444  
Denver, CO 80217-5444  
 \*\*CONTACT PERSON C. J. Park  
 PHONE 303/572-2696  
 PURCHASER Northern Natural Gas Co.  
 ADDRESS 2223 Dodge Street  
Omaha, Nebraska 68102  
 DRILLING CONTRACTOR Earl F. Wakefield, Inc.  
 ADDRESS 300 W. Douglas, Suite 500  
Wichita, KS 67202

API NO. 15-189-20556-0000  
 COUNTY Stevens  
 FIELD Panoma  
 PROD. FORMATION Panoma Council Grove  
 LEASE Republic Fee Unit #4  
 WELL NO. #5  
 WELL LOCATION Sec. 28-32S-36W  
1250 Ft. from South Line and  
1250 Ft. from East Line of  
 the SEC. 28 TWP. 32S RGE. 36W

PLUGGING CONTRACTOR ADDRESS \_\_\_\_\_



TOTAL DEPTH 3160' PBD 3145'  
 SPUD DATE 3/31/82 DATE COMPLETED 4/22/82  
 ELEV: GR 3059' DF \_\_\_\_\_ KB 3067'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS (New) / (Used) casing.  
**CASING RECORD**

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

Purpose of string	Size hole drilled	Size casing int (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Seals	Type and percent additives
Surface casing	12 1/4"	8 5/8"	24#	636'	Class H	150	12% gel + 3% CaCl <sub>2</sub>
					Class H	150	3% CaCl <sub>2</sub>
Prod. casing	7 7/8"	5 1/2"	14#	3160'	Lite	500	65-35 Poz 14# D-29/sk
					Class H	150	18% salt + .75 % TIC + 2% D-45

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Seals cement	Shots per ft. 2H/Ft.	Size & type	Depth interval
					2943/2949, 2950/2955
					2965/2968, 2968/2975
					2978/2982
TUBING RECORD					
Size	Setting depth	Perfor set of			
2 3/8"	3023.7'				3012/3016

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

Amount and kind of material used	Depth interval treated
Acidized down 5 1/2" csg. w/4284 gal. L401 acid & additives w/87 ball sealers.	2943/3016

Date of first production \_\_\_\_\_ Producing method (Flowing, pumping, gas lift, etc.) Gravity Awaiting Pipeline Connection  
 Awaiting Pipeline Connection \_\_\_\_\_ Pipeline Connection \_\_\_\_\_  
 RATE OF PRODUCTION PER 24 HOURS: Oil \_\_\_\_\_ Gas \_\_\_\_\_ Water \_\_\_\_\_ Gels-kill ratio \_\_\_\_\_  
 Disposition of gas (vented, used in lease or sold) \_\_\_\_\_ Perforations 2943/3016

\*\*The person who can be reached by phone regarding any questions concerning this information. A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 13 1983  
 CONSERVATION DIVISION  
 Wichita, Kansas

82-0723

Name of lowest fresh water producing stratum \_\_\_\_\_ Depth \_\_\_\_\_  
 Estimated height of cement behind Surface Pipe \_\_\_\_\_  
 DV USED? 1-1/4° at 636', 1/2° at 1207', 1/2° at 3160'

**WELL LOG**

Formation Description, Contents, etc.	Top	Bottom	Name	Depth
Sand & Clay	0	505	Stone Corral	1,716
Red Bed	505	1,050	Chase	2,596
Shale	1,050	1,230	Winfield	2,702
Sand	1,230	1,450	Council Grove	2,934
Shale	1,450	1,530		
Shale & Anhydrite	1,530	1,980		
Shale	1,980	2,190		
Shale & Lime	2,190	2,440		
Lime & Shale	2,440	3,160		
R.T.D.	3,160	3,160		

**AFFIDAVIT**

STATE OF Colorado, COUNTY OF Denver SS,  
C. J. Park OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,  
 DEPOSES THAT HE IS Producing Accounting Supervisor (OP) Mobil Oil Corporation  
 OPERATOR OF THE Republic Fee Unit #4 LEASE, AND IS DULY AUTHORIZED TO MAKE  
 THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. #5 ON  
 SAID LEASE HAS BEEN COMPLETED AS OF THE 22nd DAY OF April, 1982, AND THAT  
 ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.  
 FURTHER AFFIANT SAITH NOT.

(S) [Signature]  
 SUBSCRIBED AND SWORN BEFORE ME THIS 6 DAY OF May, 1982  
[Signature]  
 NOTARY PUBLIC  
 MY COMMISSION EXPIRES: 11-28-84