TYPE

## AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY

ACO-1 WELL HISTORY Compt.\_\_\_\_

SIDE ONE

Two (2) copies of this form shall be filed with mission, 200 Colorado Derby Building, Wichita, Kansa days after the completion of a well, regardless of healtrach separate letter of request if the informal If confidential, only file one copy. Information on record and Side Two will then be held confidential.  Applications must be made on dual completion, coinjection and temporarily abandoned wells.  Attach one copy only wireline logs (i.e. electrine neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC	ns 67202, now the we nation is Side One ommingling	within thir ll was comp to be held will be of , salt wate sonic log,	ty (30) leted. confidential. public r disposal, gamma ray
LICENSE 4 5208 /6878 EXPIRATION DATE	6/		
OPERATOR MOBIL OIL CORPORATION for Northern Natural Cas Producing Co.	API NO.	15-189-20	0,618-0000
ADDRESS P. O. BOX 5444	COUNTY	Stevens	
DENVER, COLORADO 80217	FIELD	Panoma	
** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. TELEPHONE NO. 303-572-2696	PROD. FO	RMATION COU	incil Grove
PURCHASER Northwest Central Pipeline Corp.	LEASE _	H. E. SH	ULER
ADDRESS P. O. Box 251128	WELL NO.	3	
Oklahoma City, OK 73125	WELL LOC	ATION	<del></del>
DRILLING Earl F. Wakefield, Inc.	<u>2540</u> Ft	. from No.	rth Line and
	1250 Ft	. from We	st Line of
	the SW	(Qtr.)SEC <u>1</u>	6 TWP 31 S RGE 35 (W)
PLUGGING CONTRACTOR		WELL PLAT	(Office
ADDRESS		:	Use Only)
<del></del>	-		KCC
TOTAL DEPTH 3070' PBTD 3040'	.	<u> </u>	. SWD/REP
SPUD DATE 11-04-82 DATE COMPLETED 11-30-82		16	PLG
ELEV: GR 3006' DF KB 3014'			
DRILLED WITH (XXXXX) (ROTARY) (XXXX) TOOLS.  DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-11,793			·
Amount of surface pipe set and cemented 712' (C-19, THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Injection, Temporarily Abandoned, OWWO, Other			sposal,
ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATION AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.	— ONS PROMUT	LGATED TO RE	EGULATE THE OIL
AFFIDAVI			
	ing of lav	wful age, he	ereby certifies
I am the Affiant, and I am familiar with the The statements and allegations contained there			
SUBSCRIBED AND SWORN TO BEFORE ME this day of	of Ja	Mame)	
MY COMMISSION EXPIRES: 11-28-84	Duk	FEB 2	Notary Public
** The person who can be reached by telephone regard information.	ંભાર ding any હ	Schlestions co	oncerning this

SEC, 16 TWP, 31 RGE, 35' (W)

WELL NO. 3 FILL IN WELL INFORMATION AS REQUIRED: SHOW GEOLOGICAL MARKER'S, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION Show all Important zones of poroalty and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time fool apen, flowing and shi t-in pressures, and recoveries.

FORMATION DESCRIPTION, CONTENTS, ETC. FORMATION DESCRIPTION, CONTENTS, ETC. HAME DEPTH BOTTOM \_Check if no Drill Stem Tests Run. Surface Sand - Clay 474 0 Stone Corral 1775 Sand & Clay 474 619 Chase 2616 Red Bed 619 900 Winfield 2718 Shale 900 1120 Council Grove 2943 Shale & Gyp 1120 1300 Sand 1300 1495 Shale & Anhydrite 1495 2063 Shale . 2063 2365 Shale & Lime 2365 2900 Lime & Shale 2900 3070 R.T.D. 3070 If additional space is needed use Page 2, Side 2

Report of all strings set - surface, intermediate, production, etc. CASING RECORD (New) or (WEXX)							()
Purpose of string	Size hole drilled	Sixe casing set (in O.D.)	Weight Ibs/ff.	. Setting depth	Type cament	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	712'	Class H Class H	140 125	12% ge1 + 3% CaCl <sub>2</sub> 3% CaCl <sub>2</sub>
Production	7 7/8"	5 1/2"	14#	3070'	65/35 C/H poz	450	6% gel + ½# cellophan
			<u> </u>		Class H	125	8% salt + .2% D-46
ż				1	1	1	

	LINER RECOR	•		PERFORATION REC	ORD
Top, ft.	Bottom, 11.	Socks coment	Shots per ft.	Size & type	Depth Interval
			2 shots/ft.	·	2954'/2960'
TUBING RECORD			. "		2963'/2968'
Sixe	Setting depth	Packer set at			2972'/2995'
: 2 3/8'' <sup>^</sup>	3016.49	3035'	11		3011'/3015'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

	, 1,0,0,0,0,2, 21101, 022111	402277 HIGGES	
Amount or	nd kind of material used		Depth Interval treated
- 12 bbl. acid 12 i Acidize: 124 bbl. acid 12 i	3PM, 86 bbl gelled wate 3PM, dropping 114 ball		2954'/3015'
throughout, pump 86 bbls	gelled water 20 BPM		
	20 BPM, pump 1810 bb1. np 100 bb4. flush @ 120		
Dete of first production Awaiting pipeline connection	Producing method ifflowing, pumping Pumping	, gas lift, atc.)	Gravity
Estimated   OII	Ges , /	Weter Oy	Gas-oil satia

N/A 1-25-83 MCF

Production -I.P.

Disposition of gos trented, used on bear or sold! Awaiting pipeline connections

Perforations 2954'/3015'

SIDE ONE

TYPE & S

Two (2) copies of this form shall be filed with the Ransas 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

Application ar	ions mus	t be made o arily aband	n dual co oned <b>vel</b> l	onfidential. ompletion, co s. (i.e. electri						
	•	(Rules 82-	2-105 6 8	32-2-125) KCC	#(31 <del>6</del>	) 2£	3-3238	N	o Log	
LICENSE #	5208		EXI	PIRATION DATE			_			<del></del>
OPERATOR	MOBIL C	OIL CORPORAT	'ION		API N	10	15-1	39-20,618	B	<del></del>
ADDRESS	P. O. P	SOX 5444	<u> </u>	<del></del>	COUNT	ry _	Steve	ens		-
	DENVER,	COLORADO	80217		FIELI	_	Panor	na		
** CONTACT F				Acctg. Supv.	PROD	. FO	NOITAMS	Council	l Grove	_
PURCHASER	Northwe	st Central P	ipeline (	Corp.	LEASI	E	н. Е	. SHULER		
ADDRESS	P. O. B	ox 251128			WELL	NO.	3			_
	Oklahom	a City, OK	73125		WELL	LOCA	тіфи _			_
DRILLING	Earl F.	Wakefield,	Inc.		2540	_Ft.	from	North	Line and	
CONTRACTOR ADDRESS		t Douglas,	Suite 50	0	1250	_Ft.	from	West	Line of	<b>(</b> Æ)
KCC - RIG #1 TAG #250 PLUGGING	Wichita	, Kansas	67202		the _	SW_(	(Qt.)S	EC 16 TW		35 (W)
CONTRACTOR							WELL P	LAT	-	fice e.Only)
ADDRESS									KCC	
					·	- 1			KGS	
TOTAL DEPTH				3040'					SWD/R	EP
SPUD DATE				ED 11-30-82		•	16 	•	PLG	
ELEV: GR				3014 ·	·					
DOCKET NO. O	F DISPOSA	AL OR REPRES	SSURING W HIS LEASE	TELL BEING CD-11,793	. L					
Amount of su	rface pi	pe set and o	cemented	712' (C-19,	680) To	ol t	Ised? _	No	<del></del> .	
Injection, T	emporari]	ly Abandone	i, owwo,		<b>•</b>			·		
ALL REQUIREM AND GAS INDU	ENTS OF T STRY HAVE	THE STATUTES BEEN FULLY	S, RULES Y COMPLIE	AND REGULATION OF THE PROPERTY	ONS PF	ROMUI	GATED '	TO REGUL	ATE THE O	IL
	•	<u>A</u>	<u>FFID</u>	T I V A						
that:	C. J.	Park	<u> </u>	, bei	ng of	lawf	ul age,	hereby	certifies	5
I am th	ne Affiant nts and al	, and I am legations o	familiar contained	with the con therein are	tents true a	of t	he fore	egoing Af	fidavit.	
							(Name)			
SUBSCRI	BED AND S	WORN TO BEF	ORE ME t	nis <u>//</u>	_day o	•£ _/	Large	k)	•	
1983.						,	7 * 19	.a. /4	1.0	
				-	4,0	E K	11/2 TAR	U. A.	CEN!	
MY COMMISSIO	ON EXPIRES	s: <u>//-28</u>	7-84			(1)	UIAKI I	STATE CO	HECEIVED ORPORATION CO	) MMISSION

\*\* The person who can be reached by phone regarding any questions concerning this 4 1933 information.

\*\*CONSERVATION DIVISION Wichita, Kansas

Two (2) copies of this form shall be filed with the Kansas Corporation Com-

SIDE ONE

information.

mission, 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. \_\_\_\_No Log LICENSE # 5208 /6878 EXPIRATION DATE 6/30/83 15-189-20,618 MOBIL OIL CORPORATION for Northern API NO. Natural Gas Producing Co. COUNTY P. O. BOX 5444 Stevens DENVER, COLORADO 80217 FIELD Panoma \*\* CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Council Grove 303-572-2696 TELEPHONE NO. PURCHASER Northwest Central Pipeline Corp. LEASE H. E. SHULER WELL NO. 3 ADDRESS P. O. Box 251128 WELL LOCATION Oklahoma City, OK 73125 2540 Ft. from North Line and Earl F. Wakefield, Inc. DRILLING CONTRACTOR 300 West Douglas, Suite 500 1250 Ft. from West Line of ADDRESS KCC - RIG #1 the SW (Qtr.) SEC 16 TWP 31 S RGE 35 TAG #250 Wichita, Kansas 67202 PLUGGING WELL PLAT (Office CONTRACTOR Use Only) ADDRESS KCC KGS TOTAL DEPTH 3070' \_\_\_\_ PBTD 3040' SWD/REP 11-04-82 DATE COMPLETED 11-30-82 16 SPUD DATE PLG. ELEV: GR 3006' DF \_ KB (ROTARY) (XXXX) TOOLS. DRILLED WITH (XXXXXX) DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-11,793 Amount of surface pipe set and cemented 712' (C-19,690) Tool Used? No THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, (Gas.) Shut-in Gas, Dry, Disnosal, Injection, Temporarily Abandoned, OWWO, Other ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL MAN 27 AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH. CONSERVATION DIVISION AFFIDAVIT Wichita, Kansas C. J. Park \_, 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. SUBSCRIBED AND SWORN TO BEFORE ME this \_\_ 25 day of \_ MY COMMISSION EXPIRES: 11-28-84

The person who can be reached by telephone regarding any questions concerning this

OPERATOR MOBIL OIL CORPORATION forLEASE H. E. SHULER SEC, 16 TWP, 31 RGE, 35

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. 3

cluding depth interval tested, cushion u FORMATION DESCRIPTION,		, <u>,</u>	702	ВОТТОМ	HAME	DEPTH
Check if no Drill		Run.	<u> </u>			
- The second of				<b>]</b> .		]
Surface Sand - Clay and & Clay and & Clay hale hale & Gyp and hale & Anhydrite hale hale & Lime ime & Shale .T.D.	· · · · · · · · · · · · · · · · · · ·		0 474 619 900 1120 1300 1495 2063 2365 2900 3070	474 619 900 1120 1300 1495 2063 2365 2900 3070	Stone Corral Chase Winfield Council Grove	1775 2616 2718 2943
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Report of all strings set - surface, intermediate, production, etc. CASING RECORD (New) or (WERR)							
Purpose of string	Size hole drilled	Size casing set	Weight Ibs/H.	Setting depth	Type coment	Sacks	Type and percent additives
					Class H	140	12% ge1 + 3% CaCl
Surface77	12 1/4"	8 5/8"	24#	712'	Class H	125	3% CaCl <sub>2</sub>
Production	7 7/8"	5 1/2"	14#	3070 <b>'</b>	65/35_C/H_poz	. 450	
					Class H		8% salt + .2% D-46

LINER RECORD			PERFORATION RECORD				
Top, ft.	Bottom, ft.	Sacks coment	Shots per ft,	Size & type	Depth Interval		
<del></del>			2 shots/ft.		2954'/2960'		
<u> </u>	TUBING RECO	RD .	n l		2963'/2968'		
Sixe	Setting depth	Packer set at			29721/29951		
2 3/8"	3016.49	30351	"		3011'/3015'		

ACID.	FRACTURE,	SHOT.	CEMENT	SOUEEZE	RECORD
		21101,			

Amount and kind of material used	Depth interval treated
- 12 bbl. acid 12 BPM, 86 bbl gelled water @ 20 BPM	, *
Acidize: 124 bbl. acid 12 BPM, dropping 114 ball sealers .	2954'/3015'
throughout, pump 86 bbls. gelled water 20 BPM	, NAVO.
Pump 100 bbl. pad 120 BPM, pump 1810 bbl. w/3# 20-40 sand/ Frac: gallon @ 120 BPM, pump 100 bbl. flush @ 120 BPM	6. 4967
Pote of first production   Froducing method (flowing, pumping, get lift, etc.)  Awaiting pipeline connection   Pumping	Gravityon an
Estimated Production -I.P. OH Sols. N/A 1-25-83 MCF Water % -	Gas-oil ratio  Abis. CFPS

Disposition at gas trented, used on lease or sold?

Awaiting pipeline connections

Perforations 2954'/3015'