

5

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173

2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: Spot Market

Operator Contact Person: Sharon Cook

Phone (316) 626-1142

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: L. J. Reimer

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIGW Temp. Abd.
 Gas ENHR SIGH
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9-9-95 9-12-95 10-6-95
Spud Date Date Reached TD Completion Date

API NO. 15- 067-213340000

County Grant

SE - SE - NW - NE Sec. 30 Twp. 27S Rge. 37 X W E

1250 Feet from S/N (circle one) Line of Section

1440 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Williams #3 Unit Well # 5

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3073 KB 3084

Total Depth 2689 PBTB 2639

Amount of Surface Pipe Set and Cemented at 677 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

Drilling Fluid Management Plan see I 4-3-96
(Data must be collected from the Reserve Pit) RL

Chloride content 8,200 ppm Fluid volume 130 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled off site

Operator Name Mobil Oil Corporation

Lease Name William Rapp #1 SWD License No. 5208

NW Quarter Sec. 13 Twp. 27S Rng. 36 E/W

County Stevens Docket No. D-19,690

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STATE CORPORATION COMMISSION
1-2-96
JAN 11 1996
KANSAS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Sharon A. Cook Sharon A. Cook

Title Regulatory Assistant Date 12-27-95

Subscribed and sworn to before me this 27th day of December, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
5-257.kcc

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

NOTARY PUBLIC - State of Kansas
KATHLEEN R. POULTON
My Appt. Exp. 08-18-98

Operator Name Mobil Oil Corporation Lease Name Williams #3 Unit Well # 5
 Sec. 30 Twp. 27S Rge. 37 East County Grant
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No							
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No							
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No							
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No							
List All E.Logs Run:	NO LOGS RUN								
			<input type="checkbox"/> Log	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample			
			Name	Top	Datum				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625	24#	677	Class C Class C	225 175	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2679	Class C Class C	250 150	3% D79 2% B28

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 SPF	2390-2400 2572-92	Acid: 1,000 gals 7.5% HCL	
	2412-22	Fracd: 28,119 gals 20# Crosslink gel	
	2454-64	154,060 lbs 12/20 Brady Sand	
	2512-32		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 10-7-95			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 252 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: _____ 2390 _____ 2592 _____

Other (Specify) _____

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 7511 DATE 9-11-95
STAGE 7 DS ULYSSES DISTRICT

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO. Williams # 3-5
FIELD-POOL HUGOTON
LOCATION (LEGAL) Sec. 30-275-37W
FORMATION Chase
COUNTY/PARISH GRANT STATE KS. API. NO.

RIG NAME: MURFIN 22
WELL DATA: BIT SIZE 2 3/8 CSG/Liner Size 2 1/2
TOTAL DEPTH 14 WEIGHT 14
MUD TYPE GRADE 11.5
MUD DENSITY 2.246 LESS FOOTAGE SHOE JOINT(S) 2.246
MUD VISC. Disp. Capacity 14.5

NAME mobil. ORIGINAL
AND
ADDRESS
ZIP CODE

SPECIAL INSTRUCTIONS
Safety cement 5/8 L.S. AS PER CUSTOMERS ORDERS

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE 1590 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²)
PRESSURE LIMIT PSI BUMP PLUG TO 1200 PSI
ROTATE RPM RECIPROCATATE FT No. of Centralizers

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
SQUEEZE JOB
TOOL TYPE DEPTH
TAIL PIPE: SIZE DEPTH
TUBING VOLUME Bbl's
CASING VOL. BELOW TOOL Bbl's
TOTAL Bbl's
ANNUAL VOLUME Bbl's

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 2:00	DATE: 9-11	TIME: 2:00	DATE: 9-11-95	TIME:	DATE:	
0001 to 2400											
2354		2500					11.0	11.3			
2355		350	26	X	5.9	11	11				
0000		320	123	26	5.9	11.5	11.5				
0031		190	38	49	5.9	11.5	11.5				
0030				49							
0031		20			5.8	11.0	11.3				
0030		230	28		5.7	11	11				
0041		710	55		5.2	11	11				
0041		620	50		2.2	11	11				
0045		780	64		2.3	11	11				
0045		1200	64.5		2.2	11	11				
0047											

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REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED		
			C	S	D	W	BBL'S	DENSITY	
1.	30	2.75	C+2%	B.28+2%	S1+0.6%	D.60+0.2%	W 46	12.3	11.5
2.									
3.	30	1.37	C+2%	B.28+2%	S1+0.6%	D.60+0.2%	W 46	38	11.2
4.									
5.									
6.									

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE 1200 MAX MIN:
 HESITATION SO RUNNING SO. CIRCULATION LOST YES NO
 Cement Grouted To Surface YES NO 26 Bbl's
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 64.5 Bbl's
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR
 MARCH, HARVEY R. P. ...

CEMENTING SERVICE REPORT

Schlumberger
Dowell

TREATMENT NUMBER: 205
DATE: 9-10-75
STAGE: 1 DS: 02 DISTRICT: 12

DS-496-A PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO.: WILLIAMS 3-5
LOCATION (LEGAL): SOC. 30-27-370
FIELD-POOL: HUGOTON
FORMATION: SUIT
COUNTY/PARISH: Grant
STATE: KS. API. NO.:

RIG NAME: MURFEE 22
WELL DATA:
BIT SIZE: 12 1/2 CSG/Liner Size: 10 3/4
TOTAL DEPTH: 1 WEIGHT: 24
 ROT CABLE FOOTAGE: 6.1
MUD TYPE: 1555E GRADE:
 BHST BHCT THREAD: 5RD
MUD DENSITY: 8.00 LESS FOOTAGE SHOE JOINT(S):
MUD VISC.: 40.8 Disp. Capacity:

NAME: MOBIL
AND:
ADDRESS:
ZIP CODE:

ORIGINAL

SPECIAL INSTRUCTIONS:
Follow contract 93 SUIT as per customer's instructions as follows

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
Floor: TYPE: Prof. Plug DEPTH: 6110
Shoe: TYPE: CMT case DEPTH: 681

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE: PSI CASING WEIGHT: SURFACE AREA (3.14 x R²)
PRESSURE LIMIT: PSI BUMP PLUG TO: 900 PSI

Head & Plugs: TBG D.P. SQUEEZE JOB
 Double SIZE: TOOL TYPE
 Single WEIGHT DEPTH
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls
TOP OR NEW USED CASING VOL. BELOW TOOL Bbls
BOT OR DEPTH TOTAL Bbls
ANNUAL VOLUME Bbls

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
0145		1560									
0146		130	26	X	6.8	11	11				
0151		150	24	26	5.8	CMT	1.9				
0204		190	27	100	5.9	CMT	14.6				
0210		200		137	5.9						
0211		100	41		6	H20	9.2				
0215		190	4	21	6	11	11				
0217		220		34	2	11	11				
0221		220		40	2	11	11				
0222		590		41	2	11	11				
0223		300									

REMARKS:

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBL	DENSITY	BBL	DENSITY		
1.	200	1.89	200	1.89	74	11.8		
2.								
3.	175	1.22	50	1.22	37	14.6		
4.								
5.								
6.								

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST: YES NO
PRESSURE: MAX. MIN. 20 Bbls.
BREAKDOWN: PSI FINAL PSI DISPLACEMENT VOL. 41 Bbls
Washed Thru Perfs: YES NO TO FT. MEASURED DISPLACEMENT: WIRELINE
PERFORATIONS: TO TO TO TO
CUSTOMER REPRESENTATIVE: MARK W. HARRIS
DS SUPERVISOR: ...