

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 9482
Name: National Petroleum Reserves
Address: 250 N Rock Rd. #130
City/State/Zip: Wichita, KS 67206
Purchaser: EOTT
Operator Contact Person: Ted C Bredehoft
Phone: (316) 681-3515
Contractor: Name: Sterling Drilling Co.
License: RECEIVED

Wellsite Geologist: Tom Williams

Designate Type of Completion:

XX New Well Re-Entry Workover
X Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW WICHITA, KS
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator:

* Well Name:

Original Comp. Date: Original Total Depth:

 Deepening Re-perf. Conv. to Enhr./SWD

 Plug Back Plug Back Total Depth

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Enhr.?) Docket No.

4/03/2000 4/13/2000 5/05/2000

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - 15-151-22179-00-00

County: Pratt

70 E NW NE Sec. 26 Twp. 26 S. R. 14 ☐ East ☒ West

4620 feet from (S) / N (circle one) Line of Section

1910 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: McMannis Well #: 1

Field Name: Moore SW

Producing Formation: Lansing - Kansas City

Elevation: Ground: 1979 Kelly Bushing: 1988

Total Depth: 4,550 Plug Back Total Depth: 4523

Amount of Surface Pipe Set and Cemented at 337 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmf.

Drilling Fluid Management Plan ALT #1 KGR 7/06/07
(Data must be collected from the Reserve Pit)

Chloride content 7,000 ppm Fluid volume 180 bbls

Dewatering method used Vacume res. pit after salt

and at T.D.

Location of fluid disposal if hauled offsite:

Operator Name: GEE Oil Serv. St. John, KS

Lease Name: License No.:

Quarter Sec. Twp. S. R. ☐ East ☐ West

County: Docket No.:

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 of 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: [Signature]

Title: President Date: 10/10/00

Subscribed and sworn to before me this 10 day of October

19 2000

Notary Public: [Signature]

Date Commission Expires:

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-12-01

KCC Office Use ONLY

 Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: National Petroleum Reserves, Inc. Lease Name: McMannis Well #: 1Sec. 26 Twp. 26 S. R. 14 ☐ East ☒ West County: Pratt

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☒ Yes ☐ No
(Attach Additional Sheets)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy)

List All E. Logs Run:

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Indian Cave	2840 -852	
Heebner	3664 -1676	
Brown Lime	3828 -1836	
Lansing	3853 -1865	
Base/K.C.	4165 -2177	
Miss	4276 -2288	
Viola	4402 -2414	
Simpson Sh.	4486 -2498	
Simpson Sd.	4506 -2518	

CASING RECORD

☐ New ☐ 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	# Sacs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	337'	standard	205	3% gel 2% cc
Production	7 7/8"	4 1/2"	10.5#	4548	AA-2	175	6% salt 8% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
4	'F' 3943.5-3946.5	500 gal MCA	
4	'J' 4066-4068	250 gal MCA	
4	'J' 4034-4036	500 gal MCA	
4	'H' 4002-4006	750 gal MCA	
4	'B' 3879-3883	1,000 gal MCA	
TUBING RECORD			
Size 2 3/8"		Set At 4,126	Packer At none
		Liner Run ☐ Yes ☒ No	
Date of First, Resumed Production, SWD or Enhr. 5/05/00		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. 28	Gas Mcf tstm	Water Bbls. 110
		Gas-Oil Ratio	Gravity 30

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☒ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☒ Perforated ☐ Dually Comp. ☒ Commingled Lansing-K.C.
☐ Other (Specify)

DST #1
3866-3901
IHP 1892#
IFP 107-128# 30"
ISIP 1078# 30"
FFP 147-184# 30"
FSIP 1072# 30"
IF Gd B.O.B. 1 min
FF Fair B.O.B. 3 1/2
Rec: 2125' GIP
120' GCMO
150' GO tr/v
90' OGCMW
Chl. 72,000
Temp. 114°

DST #2
3937-3957
IHP 1968#
IFP 97 193# 30"
ISIP 1111# 30"
FFP 220-329# 45"
FSIP 1115# 60"
FHP 1902
IF Strong GTS 10"
10 min. 52,400 MCF
20 min. 40,700 MCF
30 min. 31,900 MCF
FF
10 min. 19,900 MCF
30 min. 11,600 MCF
45 min. 7,860 MCF
Rec. 1120' CGO
90' G&MCO
90' OG &MCF
Chl. 92,000
Temp. 115°

DST #3
3996-4015
IHP 1881#
IFP 40-48# 30"
ISIP 99# 30"
FFP 48-53# 30"
FSIP 83# 30"
FHP 1858#
IF Weak 3 1/2 & dec.
FF Weak & died 15
Rec. 15' M shv/oi
Temp. 108°

DST #4
4030-4055
IHP 1907#
IFP 68-118# 30"
ISIP 1062# 30"
FFP 136-172# 45"
FSIP 1053# 45"
FHP 1888#
REC: 1050' GIP
100' O&GCM
90' G&MCMO
150' SO&GCMW
Chl. 66,000
Temp: 114°

DST #5
4068-4080
IHP 1930#
IFP 40-64# 30"
ISIP 881# 30"
FFP 70-95# 30"
FSIP 892# 45"
FHP 1865#
IF R.O.B. 1 min.
FF R.O.B. 2 min.
Rec: 1675' GIP
95' SMWCGO
30' SO&GCMW
Chl. 88,000
Temp. 112°

DST #6
4218-4223'
IHP 2068#
IFP 126-134# 30"
ISIP 855# 30"
FFP 143-135# 30"
FSIP 809# 90"
FHP 2038#
IF Good GTS 8 min
10 min. 115 MCF
20 min. 121 MCF
30 min. 118 MCF
FF
10 min. 118 MCF
20 min. 118 MCF
30 min. 101 MCF
Rec: 250' Gassy M
Temp. 116°

DST #7
4335-4390'
IHP 2094#
IFP 58-65# 20"
ISIP 411# 20"
FFP 69-75# 20"
PSIP 167# 20"
IF Weak/died 7min
FF No blow
Rec: 15 drlq. mud
Temp 116°

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 10 2000

CONSERVATION DIVISION
WICHITA, KS



