

3889

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SIDE ONE

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

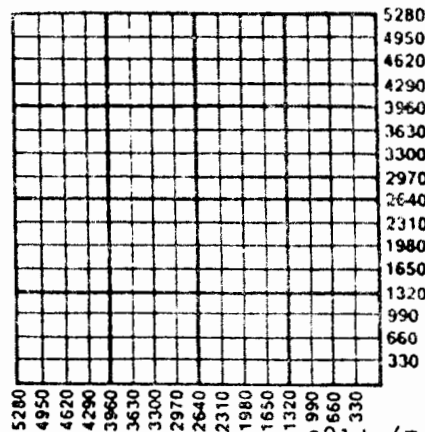
Operator: License # 6484
 Name: Anderson Energy, Inc.
 Address 200 E. First St., Suite 414
Wichita, KS 67202
 City/State/Zip _____
 Leasing Agent: Farmland Industries
 Operator Contact Person: William L. Anderson
 Phone (316) 265-7929
 Contractor: Name: White & Ellis Drilling, Inc.
 License: 5420
 Wellsite Geologist: Chris Peters

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:
 Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
9/12/90 9/22/90 10/20/90
 Spud Date Date Reached TD Completion Date

API NO. 15- 193-20,525 **RELEASED**
 County Thomas FL 70 6 1992
NW SW Sec. 26 Twp. 9 Rge. 32 East
1980 4620 Ft. North from Southeast Corner of Section
4620 Ft. West from Southeast Corner of Section
 (NOTE: Locate well in section plat below.)
 Lease Name Howard Well # 1
 Field Name Ohl SW
 Producing Formation Pawnee
 Elevation: Ground 3058' KB 3063'
 Total Depth 4670 P8TD _____



Amount of Surface Pipe Set and Cemented at 281' (7 jts) 288 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 2260
 feet depth to 0 w/ 350 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 William L. Anderson

Title Secretary-Treasurer Date 1-3-91

Subscribed and sworn to before me this 3rd day of January, 1991.

Notary Public Wilma E. Clark

Date Commission Expires August 5, 1992

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other (Specify) _____

WILMA E. CLARK
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. Aug. 5, 1992

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69713.

SIDE TWO

Operator Name Anderson Energy, Inc. Lease Name Howard Well # 1
 Sec. 26 Twp. 9 Rge. 32 East County Thomas
 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

See attached sheet for DST's.

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Anhydrite	2616	(+447)
Base Anhydrite	2644	(+419)
Heebner	4019	(-956)
Lansing	4056	(-993)
Stark	4267	(-1204)
Marmaton	4353	(-1290)
Pawnee	4458	(-1395)
Ft. Scott	4517	(-1454)
Mississippi	4627	(-1564)
LTD	4665	
RTD	4670	

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	# Sacks Used	Type and Percent Additives
surface	12-1/4"	8-5/8"	20#	288'	60/40 Poz	175	2% gel, 3% c.c.
production	7-7/8"	5-1/2"	14#	4661-14'	60/40 Poz	150	10% salt
							3/4 x 1/2 CFR-2 & 7 lbs gilsonite.

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
4	4498-4506' (Myrick Station)	500 gal. 15% N.E.	
4	4458-66' (Pawnee)	500 gal. 15% N.E.	
4	4284-92' (Lansing 'K')	500 gal. 15% N.E., 1000 gal.	15% N.E.
4	4317-22' & 4211-15' (Lansing I & K)	500 gal. 15% N.E.	
2	2260-61' squeezed w/	300 sx 'lite' & 50 sx common	2% c.c.

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production 10/24/90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 35 Bbls. Gas Mcf Water 20 Bbls. Gas-Oil Ratio Gravity 40°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Production Interval 4458-66'
 Other (Specify) _____

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26-9-32W

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MAY 30 6 1992
FROM CONFIDENTIAL

API No. 15-193,20,525
Anderson Energy, Inc.
#1 Howard - NW SW Sec. 26-9S-32W
Thomas County, KS

ACO-1 - DST's - Page 1

DST #1: 4087-4162 (Lansing B, C, D, E & F)

30 (30) 30 (30)

Strong blow off bottom in 1½ mins.

Rec. 2577' water and 110' mud w/oil specks

IFP 516-1090# FFP 1142-1270#

ISIP 1294# FSIP 1298#

DST #2: 4199-4224 (Lansing H)

30 (30) 30 (30)

Very weak both opens

Rec. 10' water and mud cut oil (45% oil, 30% water)

IFP 38-38# FFP 40-40#

ISIP 1294# FSIP 1196#

DST #3: 4229-4280' (Lansing I & J zones)

30 (30) 30 (30)

1/2" blow building to bottom in 13 min. - both opens

Rec. 252' GIP, 54' clean gassy oil & 63' ocm (20% oil)

IFP 62-70# FFP 85-88#

ISIP 764# FSIP 651#

DST #4: 4273-4294' (Lansing K)

60 (45) 60 (60)

Surface blow building to 1" in 20 min.

Steady 1" blow for next 20 min. and then decreasing to 1/4" on both opens

Rec. 48' GIP, 5' clean gassy oil (35°) + 30' ocm (40% oil)

IFP 50-53# FFP 56-61#

ISIP 254# FSIP 330# Both shut-in still building

Tools slid 3-5' to bottom

DST #5: 4450-73' (Pawnee)

60 (45) 60 (60)

1st open weak surface blow building to 6½"

2nd open weak surface blow building to 3-3/4"

Rec. 194' GIP, 30' clean gassy oil (41°) 32' ocwm (5% oil, 5% water)

IFP 52-52# FFP 56-62#

ISIP 546# FSIP 550#

DST #6: 4487-4541' (Myrick Station & Ft. Scott)

30 (30) 30 (30)

Fair blow building to bottom in 8" - 1st open

Fair blow building to bottom in 13" - 2nd open

Rec. 764' GIP, 62' clean gassy oil (40°), 22' ocm (40% oil) and 187' muddy water w/a scum of oil

IFP 63-94# FFP 114-154#

ISIP 1031# FSIP 1013#

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FEB 6 1992

API No. 15-193,20,525
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#1 Howard - NW SW Sec. 26-9S-32W
Thomas County, KS

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ACO-1 - DST's - Page 2

DST #7: 4566-4610 (Johnson zone)
30 (30) 10 & Out
Rec. 5' heavy ocm (40% oil)
IFP 42-42# ISIP 96#