

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
245 North Water  
WICHITA, KANSAS 67202

Rev. 6-3-74  
FORM CP-1

WELL PLUGGING APPLICATION FORM  
File One Copy

RECEIVED  
STATE CORPORATION COMMISSION  
01-14-1980  
JAN 14 1980

CONSERVATION DIVISION  
Wichita, Kansas.

API Number 15 - 153 - 20,302-00-00 (of this well)  
Lease Owner OXFORD EXPLORATION COMPANY  
Address 1030 DENVER CLUB BUILDING, DENVER CO 80202  
Lease (Farm Name) Pettera Well No. 1  
Well Location SW NE Sec. 3 Twp. 15 Rge. 31 (E)      (W)   
County RAWLINS Total Depth 4577 Field Name NONE  
Oil Well  Gas Well      Input Well      SWD Well      Rotary D & A       
Well Log attached with this application as required YES  
Date and hour plugging is desired to begin FEBRUARY 4, 1980 - 9 A.M.

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-128 OF THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

Name of company representative authorized to be in charge of plugging operations:

WARREN MARTIN Address Box 245, BARTLEY, NEB

Plugging Contractor JOE WELL SERVICE License No.     

Address Box 115, OBERLIN KS 67749

Invoice covering assessment for plugging this well should be sent to:

Name OXFORD EXPLORATION CO.

Address 1030 DENVER CLUB BUILDING, DENVER CO 80202

and payment will be guaranteed by applicant or acting agent.

Signed: David E. Parry  
Applicant or Acting Agent

Date: 1-12-80

**DAVID H. JAMES**  
CONSULTING PETROLEUM ENGINEER  
930 MIDLAND SAVINGS BLDG.  
DENVER, COLORADO 80202

**COMPLETION REPORT**

**No. 1 Pettera**  
**SW NE Sec. 3 - T1S R31W**  
**Rawlins County, Kansas**

**PREPARED FOR:**  
**Oxford Exploration Company**  
**Denver, Colorado**

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CONSERVATION DIVISION  
Wichita, Kansas

15-153-20302-00-00

November 7, 1977

15-153-20302-00-00

COMPLETION REPORT

No. 1 Pettera

SW NE Sec. 3 - T1S R31W

Rawlins County, Kansas

October 31, 1977

Swabbed water out of casing to 3700'. Perforated the interval 4338' - 41' with 2 - 3-1/8" DP jets per foot - total of 6 holes. Swabbed well dry at 10:00 a.m. recovering 1 gal. of heavy black oil. Recovered 15' oil and 15' of muddy water at 11:00 a.m. Rigged up and ran 137 joints of 2-3/8" EU tubing, 4-1/2" Howco R-4 packer and a seating nipple. Landed tubing at 4307' KB. Mixed 10 gals. Hyflo in 1000 gals of diesel and injected down tubing. Gradually increased pressure in 250 psi increments over 3 hour period until formation broke down at 3,000 psi to 800 psi at 1/3 BPM. Displaced treatment away with 20 bbls. 3% KCl water at 1500 psi at 1/3 BPM and final 500 gals at 2100 to 2500 psi at 1 BPM. Well on vacuum in 14 minutes. Total load 44 bbls.

November 1, 1977

Fluid standing 1500' from surface. Swabbed tubing, as follows:

<u>Time</u>		<u>BFPH</u>	<u>Total</u>	<u>Remarks</u>
8:45 a.m.		12.50 bbls.	12.50 bbls.	100% load water
9:00 a.m.	250'	1.00 bbls.	13.50 bbls.	
10:00 a.m.	1000'	4.00 bbls.	17.50 bbls.	
11:00 a.m.	800'	3.25 bbls.	20.75 bbls.	2% solids, 40% water
12:00 noon	525'	2.10 bbls.	22.85 bbls.	Changed swab cups
1:00 p.m.	725'	3.30 bbls.	26.15 bbls.	
2:00 p.m.	745'	3.40 bbls.	29.55 bbls.	
3:00 p.m.	525'	2.10 bbls.	31.65 bbls.	60% water, 40% oil
4:00 p.m.	565'	2.25 bbls.	33.90 bbls.	60% water, 40% oil
5:00 p.m.	340'	1.35 bbls.	35.25 bbls.	60% water, 40% oil

November 2, 1977

Fluid level standing at 2300'. Recovered 950' of free oil on top of water. Pulled tubing and packer. Left packer rubber in hole. Rigged up to perforate. Hit bridge at 2688' and worked to 2704'. Run in with swabbing tools and worked to 2850' at 12:30 p.m. Wait on spear. Ran and worked spear to bottom. Pulled spear and recovered packer rubber. Perforated the interval 4088' - 92' with 4 - 3-1/8" DP jets per foot - total of 16 holes. Set Baker C.I. bridge plug at 4170'. Ran 129 joints of 2-3/8" EU tubing, R-4 packer, seating nipple, and pup joint plus one joint of tailpipe. Set packer at 4052' with tailpipe at 4084'. Swabbed well to seating nipple at 5:30 p.m. Recovered 200' to 400' of fluffy mud while swabbing from 3000'.

November 3, 1977

Had 30' of fillup overnight. Pumped 300 gals 15% MCA down tubing and loaded tubing with water. Continued pressuring up over a 2-3/4 hour period in 250 psi increments to 1750 psi when formation broke down to 800 psi. Injected 1 bbl. acid away at 1/3 BPM at 850 psi and 6-1/2 bbls acid away at 1/2 BPM at 900 to 925 psi. Bled off to

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800 psi in 5 minutes. Released pressure at 10:30 a.m. Swabbed tubing down to seating nipple at 11:30 a.m., recovering 12.5 bbls. with show of oil. Recovered 10' at 12:30 p.m. Recovered 8' of acid cut oil at 1:00 p.m. Pumped 2000 gals 15% CRA acid down tubing, followed by 20 bbls. of water. Injected first 20 bbls. acid away at 1 BPM at 1000 psi (one break to 950 psi) injected remaining 24 bbls. acid and 4 bbls. overflush away at 2 BPM at 1075 psi to 1150 psi. ISIP 1000 psi 15 min. SIP 900 psi. Total load 64 bbls. Shut down at 3:00 p.m.

November 4, 1977

Hole standing full at 8:00 a.m. with approximately 10 psi pressure on wellhead. Swabbed tubing down to seating nipple at 8:30 a.m. - had show of oil. Recovered 3 to 4 BFPH to 10:00 a.m. Recovered 3/4 to 1 BFPH to 11:30 a.m. - 60% acid water. Started swabbing to test tank at 11:30 a.m. Recovered 7 bbls. fluid in 4-1/2 hours, 40% oil, 60% acid water, averaged 1-1/2 BFPH.

  
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David H. James

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Operator Oxford Exploration Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil well
Well No. #1	Lease Name Pettera	
S 3 T 15 R 31 W		

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 4050-4150			Anhydrite	2715
30,60,30,60			Base	2757
Recv. 20' OCM			Dread	3798
IHP 2128			T/LKC	3906
IF 87-87			B/LKC	4140
ISIP 725			Cherokee	4337
Clocks stopped			Reagan	4426
FH 2118			Granite Wash	4483
DST #2 4326-4390				
15,30,15,30				
Recv. 240' Mud,				
2335' Muddy water				
IH 2308				
IF 661-965				
ISIP 1136				
FF 1097-1123				
FSIP 1123				
FH 2295				
DST #3 4489-4500				
15,30,30,60				
Recv. 995 Salt water				
IH 2392				
IF 152-251				
ISIP 1044				
FF 338-523				
FSIP 1128				
FH 2381				

Shale	1015
Shale & Sand	2050
Sand, Shale & Sand	2300
Shale & Sand	2460
Shale & Redbed	3080
Redbed & Shale	3310
Lime & Shale	3455
Shale & Lime	3623
Lime & Shale	3730
Lime	4150
Lime & Shale	4230
Lime	4577
<b>ROTARY TOTAL DEPTH</b>	<b>4577</b>

RECEIVED  
STATE GEOLOGICAL COMMISSION  
08-23-1983  
AUG 27 1983  
Wichita, Kansas

State of Kansas



JOHN CARLIN  
R. C. LOUX  
JANE T. ROY  
WILLIAM G. GRAY

Governor  
Chairman  
Commissioner  
Commissioner

Carol J. Larson, Executive Secretary

State Corporation Commission

CONSERVATION DIVISION

(Oil, Gas and Water)  
245 North Water  
WICHITA, KANSAS 67202

January 14, 1980

15-153-20302-00-00

WELL PLUGGING AUTHORITY ~~Per~~ **Pertera Well No. 1**

**SW NE, Sec. 3-1S-31W  
Rawlins County  
4577'**

**Poe Well Service-Plugging contractor**

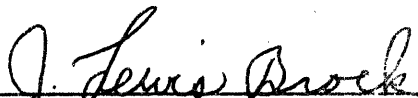
**Oxford Exploration Company  
1030 Denver Club Bldg.  
Denver, Colo. 80202**

Gentlemen:

This is your authority to plug the above subject well in accordance with the Rules and Regulations of the State Corporation Commission.

This authority is void after ninety (90) day from the above date.

Yours very truly,

  
J. LEWIS BROCK, Administrator

Mr. Gilbert Balthazor, Box 9, Palco, KS 67657

is hereby assigned to supervise the plugging of the above named well