

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

Operator: License # 5447  
Name OXY USA, Inc.  
Address P. O. Box 26100  
Oklahoma City, OK 73126-0100  
City/State/Zip

Purchaser Unknown at this time

Operator Contact Person Raymond Hui  
Phone (405) 749-2471

Contractor: License #  
Name Exeter Drilling Company

Wellsite Geologist Andy Howell  
Phone (405) 479-2000

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

.2-26-1989 ... 3-11-1989 .. Pending ..  
Spud Date Date Reached TD Completion Date

.6,000' ..... 2,905' .....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1730' feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set ..... feet  
If alternate 2 completion, cement circulated  
from ..... feet depth to ..... w/ ..... SX cmt  
Cement Company Name  
Invoice #

API NO. 15-129-20967-0000  
County Morton  
C. NW/4. SE/4. SW/4 Sec. 4 Twp. 32S Rge. 39 East X West

990 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)  
(Formerly named Israel B #4)

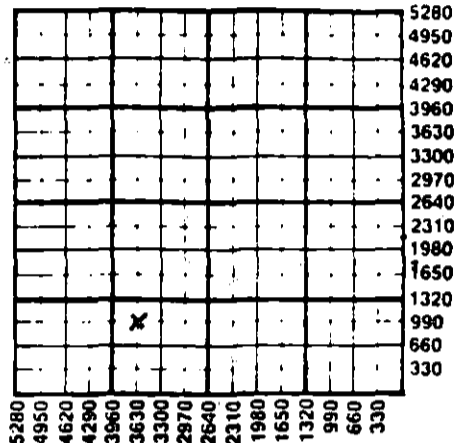
Lease Name Israel A Well # 4

Field Name Kansas Hugoton Gas

Producing Formation Chase

Elevation: Ground 3241' KB 3252'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater ..... Ft North from Southeast Corner  
(Well) ..... Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water ..... Ft North from Southeast Corner  
(Stream, pond etc) ..... Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain) Provided by Driller  
(purchased from city, R.W.D. #)

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. 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 Bryan Humphries

Title Engineering Manager Date 7-17-1989

Subscribed and sworn to before me this 17th day of July 1989

Notary Public Marsha G. Wilson

Date Commission Expires 4-1-92

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

Sec. 4 Twp. 32S Rge. 39

81

Operator Name OXY USA Inc Lease Name Israel A Well # 4

Sec. 4 Twp. 32S Rge. 39  East  West County Morton

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Ran BHC Sonic w/Gr & Caliper from STD to surface.  
 Ran Long Spaced Sonic Log from 5942' to 1725';  
 Microlog from 5980' to 1735'. Dual Induction &  
 Spectral Density Dual Spaced Neutron Logs from  
 5981-1735'. Ran Dipmeter Log.

Name	Top	Bottom
Anhydrite	0	1250
Shale	1250	3325
Lime & Shale	3325	4430
Lime	4430	4945
Lime & Shale	4945	6000
	TD	6000
	PBTD	2905

Mixed & pumped 75 sx C1 H cmt. Spotted plug from  
 5660-5425'. Mixed & pumped 100 sx C1 H cmt.  
 w/2% CaCl<sub>2</sub>. Spotted plug from 3094-2900'.

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
Conductor Pipe	30"	20"		40'	Grout	4 yds	
Surface	12-1/4"	8-5/8"	24#	1730'	C1 C	675 sx	6% gel; 2% CaCl <sub>2</sub>
Production	7-7/8"	5-1/2"	14#	2960'	C1 C	575 sx	6% gel; 1#/sx Flo.

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

.....	Waiting for completion in the Chase formation	.....
.....	.....	.....
.....	.....	.....

TUBING RECORD Size --- Set At --- Packer at  
 Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  
 Flowing  Pumping  Gas Lift  Other (explain).....  
 Waiting for completion in Chase formation.

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... Pending completion in Chase.  
 Used on Lease  Dually Completed  
 Commingled

ORIGINAL

RELEASED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
RECOMPLETION FORM  
ACO-2 AMENDMENT TO WELL HISTORY

API NO. 15- 129-20967-<sup>0000</sup>R 9/19/90  
OCT 11 1990

County Morton  
NW/4 SE/4 SW/4 Sec. 4 Twp. 32S Rge. 39 X East West  
FROM CONFIDENTIAL

Operator: License # 5447

Name: OXY USA Inc.

Address: P. O. Box 26100

City/State/Zip: Okla. City, OK 73126-0100

Purchaser: Panhandle Eastern Pipeline

Operator Contact Person: Raymond Hui  
Phone: (405) 749-2471

Designate Type of Original Completion  
 New Well  Re-Entry  Workover

Date of Original Completion 3-21-1989

Name of Original Operator OXY USA Inc.

Original Well Name Israel A #4

Date of Recompletion: Delayed Completion

6-22-1989 8-31-1989  
Commenced Completed

Re-entry  Workover

Designate Type of Recompletion/Workover:

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

Deepening  Re-perforation  
 Plug Back 2905'  PBTB  
 Conversion to Injection/Disposal

Is recompleted production:

Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (Disposal or Injection?) Docket No. \_\_\_\_\_

990 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section

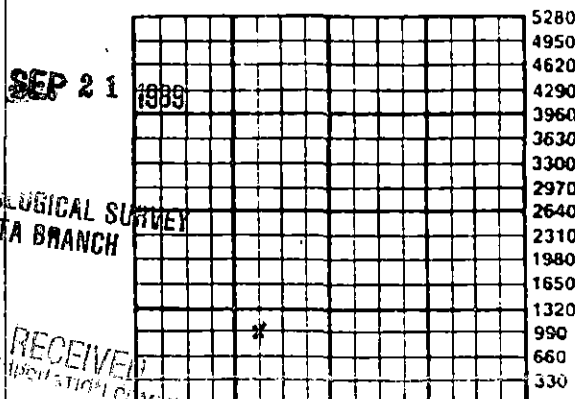
\*Formerly (NOTE: Locate well in section plat below.)  
named Israel B #4)

Lease Name Israel A Well # 4

Field Name Kansas Hugoton Gas

Producing Formation Chase

Elevation: Ground 3241' KB 3252'



SEP 21 1989

RECEIVED  
STATE CORPORATION COMMISSION OF KANSAS  
WICHITA BRANCH

RECEIVED  
STATE CORPORATION COMMISSION OF KANSAS  
WICHITA BRANCH

SEP 19 1989

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

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 recompletion of any well. Rules 82-3-107 and 82-3-141 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 any additional wireline logs and driller's time logs (not previously submitted) shall be attached with this form. Submit ACO-4 or ACO-5 prior to or with this form for approval of commingling or dual completions. Submit CP-1 with all plugged wells. Submit CP-111 with all temporarily abandoned wells. NOTE: Conversion of wells to either disposal or injection must receive approval before use; submit form U-1.

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 Bryan Humphries Bryan D. Humphries Engineering Manager Date 9-15-1989

Subscribed and sworn to before me this 15th day of September 19 89

Notary Public Masha G. Wilson Date Commission Expires 4-1-92

SIDE TWO

Operator Name OXY USA Inc. Lease Name Israel A Well # 4

Sec. 4 Twp. 32S Rge. 39  East  West

County Morton

RELEASED

RECOMPLETION FORMATION DESCRIPTION

OCT 11 1990

Log  Sample

FROM CONFIDENTIAL

Name	Top	Bottom
Herington	2416	2420
Krider	2441	2464
Winfield	2489	2520
Towanda	2549	2588
Fort Riley	2606	2645

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<input checked="" type="checkbox"/> Perforate	2416	2645	No additional cementing/squeeze record		
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)
4	Herington 2416-2420'	Acidized Chase group w/5000 gal. 15%
	Krider 2441-2464'	FE acid; Frac'd Chase w/85000 gal 30# crosslinked gel.
	Winfield 2489-2492'; 2496-2501'; 2507-2512'; 2516-2520'	
	Towanda: 2549-2554'; 2566-2579'; 2581-2588'	
	Ft. Riley: 2606-2612'; 2616-2645'	

PBTD 2905' Plug Type Cement Plug

TUBING RECORD

Size --- Set At --- Packer At --- Was Liner Run Y  N

Date of Resumed Production, Disposal or Injection 8-15-1989

Estimated Production Per 24 Hours Oil --- Bbls. Water --- Bbls. Gas-Oil-Ratio

Gas CAOF 1325 Mcf

Disposition of Gas:

Vented  Sold  Used on Lease (If vented, submit ACO-18.)