

Amended

SIDE ONE

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 # 8458
Name Trans-Western Operating Co.
Address Box 276
City/State/Zip Golden, CO 80402

Purchaser Permian Corp.
5800 E. Shell
Tulsa, OK 74135
Operator Contact Person D.J. Isern
Phone (303) 279-2995

Contractor: License # 6033
Name Murfin Drilling Co.

Wellsite Geologist Russel Bak
Phone (303) 457-0042

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

1-6-88 1-13-88 2-13-88
Spud Date Date Reached TD Completion Date

5,300 5,220
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 430' w/275 SX
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1,978 feet
If alternate 2 completion, cement circulated from 1,978 feet depth to surf w/175 SX cmt (560 CF)

API NO. 15-199-20,134-00-00

County Wallace

NE.. NW.. NW.. Sec. 30. Twp. 155. Rge. 42. East West

4,950 Ft North from Southeast Corner of Section
2,970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

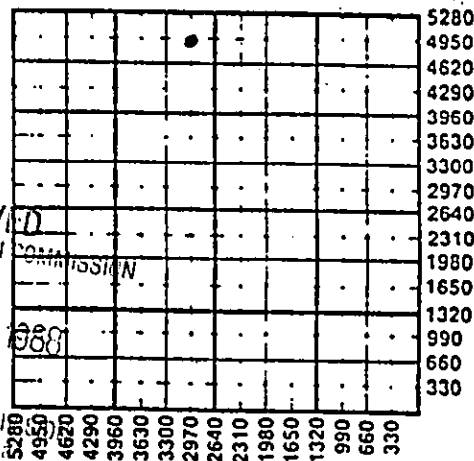
Lease Name Welsh Well # 2-30

Field Name Stockholm

Producing Formation Morrow

Elevation: Ground 3,919' KB 3,924'
Section Plat

RECEIVED
STATE CORPORATION COMMISSION
JUN 24 1988
06-24-88
CONSERVATION DIVISION
Wichita, Kansas



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Reopressing
Docket #

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) B. Palen, Arapahoe, CO (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Dorby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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 *H.W. Stach*
Title Consulting Engineer Date 3-9-88

Subscribed and sworn to before me this 9th day of March 1988
Notary Public *Kathleen H. Such*
Date Commission Expires October 25, 1990

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)

SIDE TWO

15-199-20134-00-00

Operator Name Trans-Western Operating Co. Lease Name Welsh Well # 2-30

Sec. 30 Twp. 15S Rge. 42 East West County Wallace

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 [X] Yes [] No
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

DST #1, 1-14-88, 5,015'-5,160'

Times - 15,30,60,120

Rec 480' GCM w/few oil spots
240' GOCM, est 7% oil

IHP - 2474 psi
IFP - 240-389
ISIP - 792
FFP - 482-666
FSIP - 833 (stable)
FHP - 2457
BHT - 132°

Table with 3 columns: Name, Top, Bottom. Rows include Blain Salt, Stone Corral, Heebner, Morrow Shale, Morrow Sand, St. Genevieve.

RELEASED
APR 17 1989
FROM CONFIDENTIAL

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production Per 24 Hours

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Open Hole [X] Perforation [] Sold [] Other (Specify) [X] Used on Lease [] Dually Completed [] Commingled

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
6 6 88

CONTRACT NO.
395750

DIRECT CORRESPONDENCE TO: TERMS: NET 30 DAYS FROM DATE OF CONTRACT
P.O. BOX 4442 HOUSTON, TX 77210

REMIT TO: P.O. BOX 200416 HOUSTON, TX 77216

CUSTOMER

NAME: *Transwestern Operating Co*
NO. _____
ADDRESS _____
CITY _____ STATE _____ ZIP CODE _____
AUTHORIZED BY: *Wayne Stack*

DESCRIPTION OF WELL

WELL NO. *2-30* OIL GAS NEW OLD STATE *Ks* CODES _____
LEASE NAME *Wolach* COUNTY/PARISH *Wallace*
FIELD NAME _____ CITY _____
OWNER *Patrick Wood Service Unit* MTA DISTRICT _____
LEASE LINES *Transwestern Operating Co*
Jonny Ship Harry J. Unit 17418
SURVEY LINES *Help Rene R.G.*
SURVEY *Pump trk SU-2751*
DIRECTIONS TO LOCATION *Wolach 3W-85-1W-15-E in*
SECTION, TOWNSHIP, RANGE _____
QUADRANT *Delivered from Oakley, Ks (J-272)*

JOB INFORMATION

ARRIVED				RELEASED									
HH	MM	AM	PM	MM	DD	YY	HH	MM	AM	PM	MM	DD	YY
10	00	P		6	6	88	1	00	P		6	6	88
JOB CODE		TYPE OF JOB		APJ OR IC NO.									
		<i>Post call</i>											
AVG. PSI		BUSINESS CODE		INJ. RATE (BPM)		WORKING WELL DEPTH							
<i>500</i>						<i>1974</i> FT.							

DIST. NO.	DISTRICT NAME	SLSMAN NO.
<i>3320</i>	<i>Oakley, Ks</i>	

CONTRACT CONDITIONS

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned acknowledges that this contract for services, materials, products and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

SIGNED: *Wayne Stack* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01	<i>Pumping charge</i>	<i>ea</i>	<i>1</i>	<i>879.00</i>	<i>879.00</i>
02	<i>Pump trk mileage (cables 61)</i>	<i>RT</i>	<i>122</i>	<i>1.10</i>	<i>134.20</i>
03	<i>Concrete</i>	<i>yd</i>	<i>114</i>	<i>6.00</i>	<i>684.00</i>
04	<i>Pop mix</i>	<i>yd</i>	<i>61</i>	<i>3.62</i>	<i>220.82</i>
05	<i>Oil</i>	<i>cu ft</i>	<i>1540</i>	<i>6.75</i>	<i>10395</i>
06	<i>A-2</i>	<i>lb</i>	<i>308</i>	<i>1.00</i>	<i>308.00</i>
07	<i>Hauling 9.4 x 61</i>	<i>Tm</i>	<i>573</i>	<i>.70</i>	<i>401.10</i>
08	<i>Hauling & dumping</i>	<i>yd</i>	<i>175</i>	<i>.95</i>	<i>166.25</i>
09	<i>Sub total</i>				<i>2897.32</i>
10	<i>20% Discount</i>				<i>579.46</i>
11	<i>Total</i>				<i>2317.86</i>
12					
13					
14					
15					
16					

RECEIVED
STATE CORPORATION COMMISSION
JUL 2 1988

SERVICE REPRESENTATIVE: *Harold* PR. BOOK: *07*
The above material and service ordered by the Customer and received by: *Wayne Stack* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO.

Date 6-6-88 District Oakley, Ks Ticket No. 395750
 Company Transwestern Operating Rig Patrick Unit
 Lease Welsh Well No. 2-30
 County Wallace State Ks
 Location Wellb 3W-85-1W-15E Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type Thrifty mix
 Excess _____
 Amt. 175 Sks Yield 3.2 ft³/sk Density 10.6 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used SU-2751
 Bulk Equip. J-272

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2" Type J-55 Weight 15.50 Collar SRid

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
thy Bbls/Lin. ft. .0058 Lin. ft./Bbl. 172.7
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars Port collar set @ 1974' (Arrow)

Special Equip. _____

Disp. Fluid Type H2O Amt. 12 Bbls. Weight 8.34 PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Wayne Slack

CEMENTER Larry J.

TIME (AM/PM)	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
10:00						on log + set up trib
11:00						lead hole
11:55						open tool
12:00pm						mix cement
12:15						displace
12:20						close tool
12:25						pressure test, tool closed
12:30						run 1jt
12:35						reverse thy to wash out
1:00						job complete
						Thank you Larry & crew

RECEIVED
STATE CORPORATION COMMISSION

JUN 24 1988

CONSERVATION DIVISION
Wichita, Kansas

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO AN OIL WELL

State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR Trans-Western Operating Co.

LOCATION OF WELL:

LEASE Welsh

330 feet from the N line

2,310 feet from the W line

WELL NUMBER 2-30

Of the NW of Sec 30 T.15S R.42W

FIELD Stockholm

COUNTY Wallace

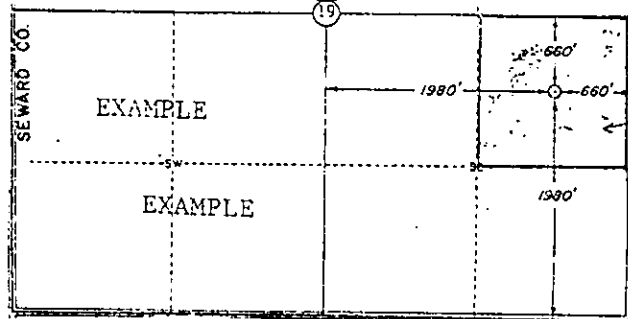
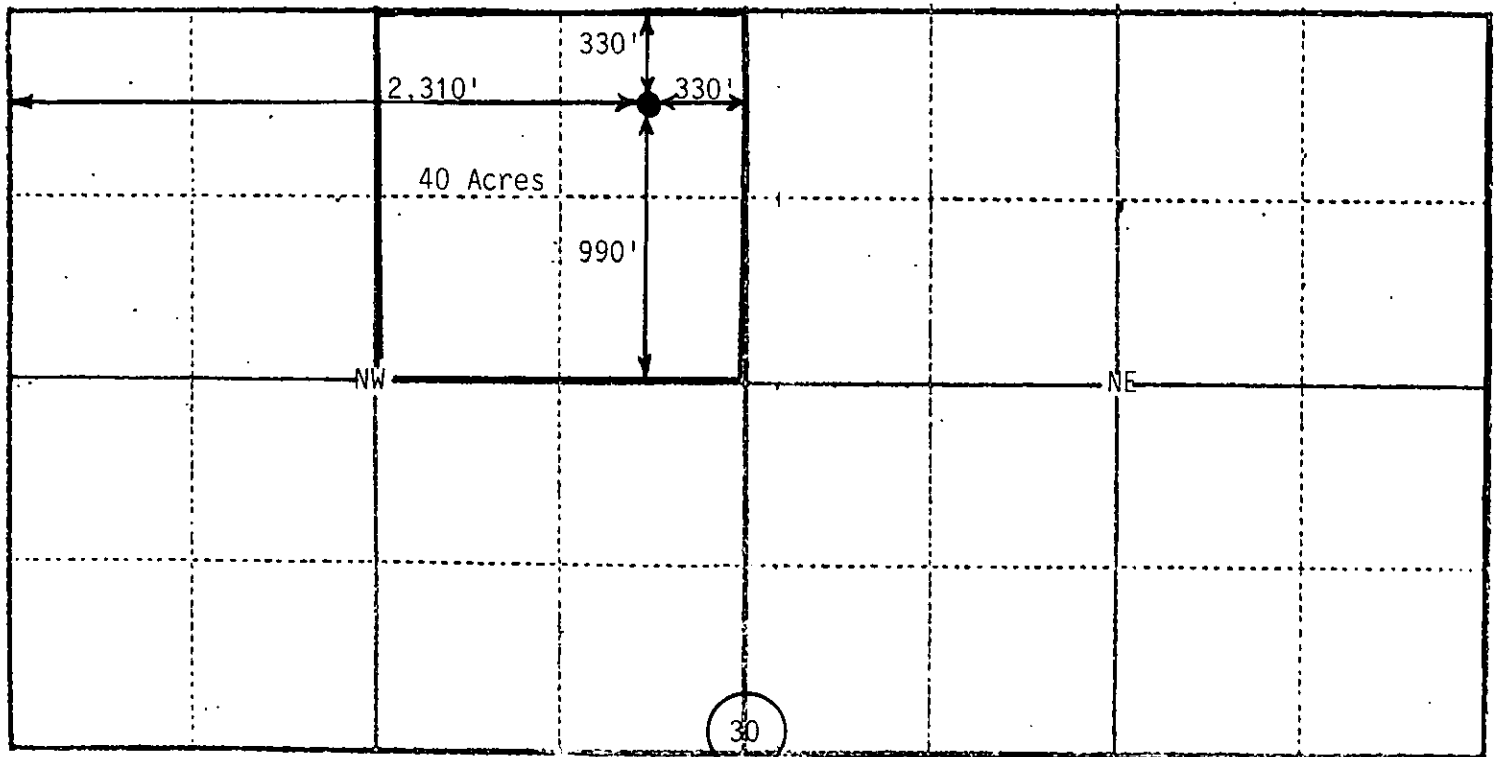
*NUMBER OF ACRES
ATTRIBUTABLE TO WELL 40

DESCRIPTION OF ACREAGE:

NENW of Section 30

PLAT

(Show location of Well and outline attributable acreage)
(Show footage to nearest lease or unit boundary line)



RELEASED
APR 17 1989
FROM CONFIDENTIAL

The undersigned hereby certifies that he is consultant
for Trans-Western Operating Co., a duly authorized agent, that all information
shown hereon is true and correct to the best of his knowledge and belief, and that
all acreage claimed as attributable to the well named herein is held by production
from that well.

Suscribed and sworn to before me on this 9th

W. W. Puck
RECEIVED March 9 1988
STATE CORPORATION COMMISSION
Richard H. Karch
Notary Public

My Commission expires 10-25-90