

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

API NO. 15- 147-20,525-00-00
County PHILLIPS

S/2 N/2 NW Sec. 20 Twp. 4S Rge. 18 W East West

4290 Ft. North from Southeast Corner of Section

3960 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name ELSIE-JACKSON Well # 12

Field Name STONEMAN

Producing Formation LANSING-KANSAS CITY

Elevation: Ground 1912 KB 1917

Total Depth 3390' PBDT NA

Operator: License # 5252

Name: R P NIXON OPERATIONS INC

Address 207 W 12TH

City/State/Zip HAYS KS 67601

Purchaser: CLEAR CREEK INC

Operator Contact Person: DAN A NIXON

Phone (913) 628-3834

Contractor: Name: WESTERN KANSAS DRILLING

License: 4083

Wellsite Geologist: DAN A NIXON

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

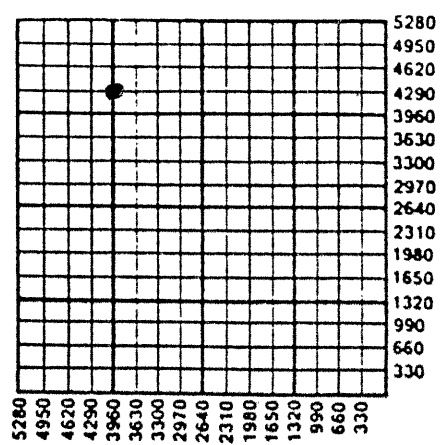
If OWO: old well info as follows:
Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:
 Mud Rotary Air Rotary Cable

11-1-90 11-6-90 11-29-90
Spud Date Date Reached TD Completion Date



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
1-3-91

Amount of Surface Pipe Set and Cemented at 204 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 1470

feet depth to SURFACE w/ 300 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.

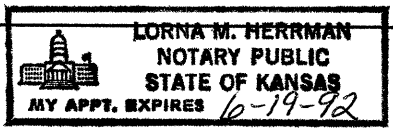
Signature [Signature] Recd 12-27-1990
CONSERVATION DIVISION
Wichita, Kansas

Title SECRETARY-TREASURER Date 12-21-90

Subscribed and sworn to before me this 21ST day of DECEMBER, 19 90.

Notary Public [Signature]

Date Commission Expires



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

Operator Name R P NIXON OPERATIONS INC Lease Name ELSIE-JACKSON Well # 12
 S/2 N/2 NW East County PHILLIPS
 Sec. 20 Twp. 4S Rge. 18 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.)

Formation Description
 Log Sample
 Name Top Bottom
 SEE ATTACHED GEOLOGICAL REPORT

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 1/2"	8 5/8		204	POZMIX	135	60/40 2% gel
PRODUCTION	7 7/8	4 1/2		3380	125sx SUREFILL		3% cc
TOP STAGE		PERFORATED AT		1470	POZMIX	250	50/50 6% gel

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 LF	3198, 3183, 3161, 3122	4000 gals 20% non-E	3283
2' gun 2/ft	SHOT OUT ABOVE ZONES		

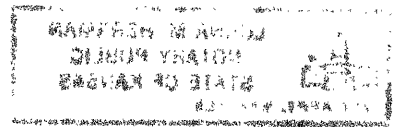
TUBING RECORD Size 2 3/8 Set At Packer At Liner Run Yes No

Date of First Production 12-1-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4.24		56.26		

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

Production Interval
LANSING
KANSAS-CITY



Dan A. Nixon ORIGINAL

GEOLOGICAL REPORT

CERTIFIED PETROLEUM GEOLOGIST NO. 3179

WELL 12 LOCATION S/2 N/2 NW of Section 20, T4S-R18W, Phillips County

LEASE Elsie-Jackson

15-147-20525-00-00

Operator: R.P. Nixon Operations, Inc.
207 W 12th Street
Hays, Kansas 67601

Contractor: Western Kansas Drlg.
Box 126
Hays, Ks. 67601

Elevation: American Elevations
Ground level: 1912'
Rotary bushing: 1917'

Samples: Ten foot samples from 2850' to
3080' and five foot samples
from 3080' to 3390' RTD.

Time Log: One foot intervals from 2850'
to 3390' RTD. A copy of the
time log is included in this
report.

Surf. Casing: 8 5/8" @ 204' w/135 sx, 60/40 Pozmix
Prod. Casing: 4 1/2" @ 3380' w/ 125 sx Sure-Fill

Port Collar or DV: None
Spud Date: 11-2-90
Comp. Date: 11-6-90

API #: 15-147-20,525
Lease #: 2375/12

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CONSERVATION DIVISION
Wichita, Kansas

15-147-20325-00-00

ORIGINAL

<u>FORMATION TOPS:</u>	<u>SAMPLE DEPTH</u>	<u>LOG DEPTH</u>	<u>MINUS DATUM</u>
Anhydrite top (driller's)	1462'	1460'	+457
Anhydrite base "	1494'	1489'	+428
Topeka	2882'	2878'	-961
Heebner Shale	3085'	3080'	-1163
Toronto Lime	3103'	3104'	-1187
Lansing	3120'	3118'	-1201
Base of the Kansas City	3344'	3344'	-1427
Total Depth	3390'	3389'	-1472

SAMPLE ANALYSIS OF ZONES OF INTEREST: (corrected to the electric log)

Lansing	3120'-3124'	Fine crystalline, fossiliferous, white lime, fair fossil porosity, spotty stain. Very slight show of free oil and odor in wet samples. Calculated 13-15% porosity, 43-52% water on electric log. Test.
	3159'-3163'	Fine crystalline, fossiliferous, white lime, rare light spotty stain, poor fossil porosity. Slight show of free oil and odor. Calculated 10-12% porosity, 37-50% water on log. Test.
	3182'-3184'	Bit trip made at 3184'. Representative samples of this zone were not observed due to junky samples after bit trip. Calculated 8% porosity, 34% water on log. Consider testing this zone.
	3197'-3200'	White, fine crystalline lime, fossiliferous and vuggy with fair vuggy porosity and spotty stain. Trace of saturated stain. Had slight show of free oil and odor. Calculated 9-14% porosity, 36-59% water saturation. Test.
	3339'-3342'	White, vuggy, fine crystalline lime, slight vuggy porosity, rare light spotty stain. Calculated 11% porosity, 48% water saturation. Caliper indicated good wall cake throughout zone. Consider testing prior to abandoning well.

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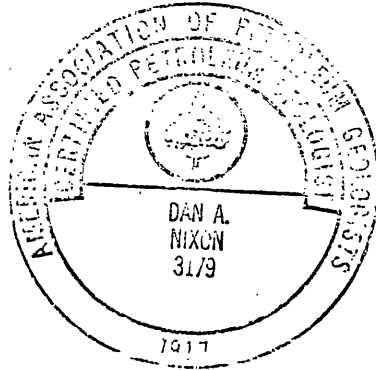
REMARKS:

Structurally, the Lansing top on the #12 Elsie-Jackson ran 1' high to the abandoned producer to the east 1 1/2 locations, the #4 Elsie-Jackson (R.P. Nixon Oper., Inc.). and 4' low to the producer to the northeast approximately 1/4 mile, the #11 Elsie-Jackson (R.P. Nixon Oper., Inc.).

Based on the shows of oil throughout the Lansing/Kansas City, electric log calculations of those shows in the Lansing/Kansas City, and favorable structural position to surrounding production, 4 1/2" casing was cemented at 3380' for further testing.

Respectfully Submitted,


Dan A. Nixon, CPG #3179



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15-147-20525-00-00

ORIGINAL

DRILLING TIME LOG

2850'-2900'	1-1-1-3-3 1-1-1-1-1	3-3-3-4-3 1-2-3-3-2	3-3-3-1-2 3-3-3-3-4	2-3-2-2-1 3-3-3-3-4	1-1-1-1-1 4-3-4-3-2
2900'-2950'	2-2-4-3-2 3-2-2-3-2	2-1-1-2-4 2-2-3-3-3	4-4-4-3-2 4-4-4-3-2	2-1-1-2-2 2-4-4-5-5	3-3-4-2-4 5-3-2-3-2
2950'-3000'	3-4-3-5-3 4-3-2-3-3	5-5-5-5-5 3-1-1-1-1	4-3-3-4-4 2-1-1-1-1	4-3-4-3-4 1-1-1-1-2	5-6-6-6-3 2-4-5-4-4
3000'-3050'	5-4-3-4-3 5-5-4-5-7	5-4-3-3-4 6-7-7-4-4	3-2-3-4-4 5-4-5-5-5	6-7-7-7-6 4-1-1-1-1	7-5-5-5-5 2-3-3-5-6
3050'-3100'	5-5-6-6-6 4-3-4-4-4	5-4-3-4-3 4-5-5-4-4	5-4-4-5-3 3-3-4-4-6	2-2-3-2-2 5-5-5-5-5	2-2-2-3-3 4-5-5-5-5
3100'-3150'	5-5-4-6-6 2-2-1-2-3	5-5-3-3-3 3-4-4-4-3	3-5-7-5-3 4-3-4-3-4	6-6-5-5-3 4-4-3-3-4	5-5-4-2-2 3-3-3-3-3
3150'-3200'	4-4-4-5-5 4-3-4-4-3	5-3-5-4-4 4-5-5-3-3	3-3-3-2-2 5-3-3-3-3	2-4-3-3-4 3-4-5-8-5	5-5-4-3-3 4-4-4-4-5
3200'-3250'	3-3-2-2-3 3-3-3-3-2	5-3-3-3-2 2-3-3-3-4	3-3-3-3-2 6-5-4-3-4	3-4-4-2-3 4-4-3-4-4	3-3-2-3-3 4-5-5-5-7
3250'-3300'	6-6-5-4-3 3-4-4-3-3	3-3-3-3-4 3-3-3-6-3	5-4-3-3-4 3-4-3-3-4	5-4-4-5-5 4-5-5-4-4	5-4-4-5-5 3-3-3-3-3
3300'-3350'	3-3-4-4-4 3-3-3-5-4	4-4-5-3-5 4-6-4-5-6	3-4-6-5-5 6-6-6-6-5	5-5-5-5-3 3-3-3-2-3	4-3-3-3-4 3-4-3-2-3
3350'-3390'	4-3-2-2-1 4-13-15-14-4	1-1-1-1-1 5-4-4-4-2	1-1-1-2-1 3-4-5-6-6	2-1-1-2-2	3-4-4-3-5

3390' RTD CFS 1 hour @ 3390'

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15-~~147~~-20525-00-00

R. P. Nixon Operations

ORIGINAL

R. P. Nixon, Geologist & Oil Producer

207 West Twelfth

HAYS, KANSAS 67601

Phone: 913-628-3834

#12 ELSIE JACKSON DRILLING REPORT

API#15-147-20,525

S/2 N/2 NW SEC. 20, T4S-R18W

LSE/WELL#2375/12

PHILLIPS COUNTY, KANSAS

11-1-90 Moved in Western Kansas Drilling rotary rig and rigged up. Started drilling under surface.

11-2-90 Drilled 207' of 12 1/2" surface hole and set 197.56' of 8 5/8" surface casing at 204' with 135 sx 60/40 Pozmix 2% gel & 3% cc. Plug down at 12:30 a.m. Started drilling under surface at 8:30 a.m.

11-3-90 Drilling ahead @ 1970' at 7:00 a.m. Anhydrite 1462'-1492'.

11-4-90 Drilling ahead @ 2775' at 7:00 a.m.

11-5-90 Drilling ahead @ 3160' at 7:00 a.m.

Elevation 1917' KB

Heebner 3085'

Toronto 3111'

Lansing 3129' (-1212) Flat with #5 Northwest 2 locations.

11-6-90	Electric Log Tops:	Heebner Shale	3080'
		Toronto Lime	3104'
		Lansing	3118'
		Base KC	3344'
		RTD	3390'
		Log TD	3389'

The Lansing Kansas City top is 4' low to the #11, 1' high to the #4 and 11' high to the #5. Set 4 1/2" casing @ 3380' with 125 sx surefill and 500 gals of Mudsweep ahead of surefill, plug down @ 2:45 p.m.

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Wichita, Kansas

15-147-20525-00-00

R. P. Nixon Operations

ORIGINAL

R. P. Nixon, Geologist & Oil Producer

207 West Twelfth

HAYS, KANSAS 67601

Phone: 913-628-3834

#12 ELSIE JACKSON COMPLETION REPORT

API#15-147-20,525

LSE/WELL#2375/12

S/2 N/2 NW SEC: 20, T4S-R18W
PHILLIPS COUNTY, KANSAS

- 11-20-90 Moved in Jay-Lan Corporation Rig #5 and rigged up. Swabbed hole down to 2800' and shut down.
- 11-21-90 Ran Gamma Ray Correlation Log by L-K Wireline Inc to TD of 3283'. Perforated Limited Entry shots @ 3198', 3183', 3161' and 3122'. Swabbed hole dry. Acidized with 4000 gals 20% Non E acid and overflushed with 4000 gals salt water @ 10bbl/min @ 1500#'s. Let set 1 1/2 hours. Swabbed hole down and recovered 60 bbls of fluid. Had good show of oil off bottom total load 250 bbls. To let set over Thanksgiving Holiday.
- 11-26-90 1500' fillup over weekend - 100' of oil. 3 hours to swab down to bottom, 1% to 20% oil. 2 - 1/2 hour tests 8 bbls per hour: 1st 11% oil; 2nd 19% oil. 130 bbls of overflush to recover. Perforated Limited Entry holes with 2' gun loaded 2 shots per foot. Ran retrievable bridge plug to 2868' and set. Pulled tubing from hole. Loaded hole with fresh water. Perforated Anhydrite at 1420'. Shut down for evening.
- 11-27-90 Ran Halliburton R-4 tension packer to 1550' and tested plug. Plug held 1500#'s psi. Pulled packer to 1380' to cement. Mixed 275 sx 60/40 Pozmix w/6% gel and tailed in with 50 sx of common 3% cc. Cement circulated to surface. Staged for 2 1/2 hours, pulled packer from hole. Ran 3 7/8" bit and drill collars in hole. Shut down for evening.
- 11-28-90 Ran bit, drill collars and tubing to top of cement (1410'). Mud pump had pistons stuck, power swivel wouldn't start and cellar caved in. Fixed cellar. Solved problems with equipment and started drilling cement @ 11:00 a.m. Had cement drilled out at 2:30 p.m. Circulated hole clean and laid out drill collars, bit and tubing.
- 11-29-90 Ran catcher (On & Off Tool) to top of plug. Circulated sand & debris off top of plug. Released plug and laid out tubing. Bailed hole clean. Ran tubing, rods and pump.
- 12-1-90 Put on pump.
- 12-10-90 Barrel Test: 4.24 bbls of oil & 56.26 of salt water.

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Wichita, Kansas

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15-147-20525-00-00

Perforating - R.A. Logging - Free Point

L-K Wireline, Inc.

East Highway 40 - Box 1188
Hays, Kansas 67601 Ph.: 913-625-6877

Date 11/24/90

PERFORATION RECORD

Company R.P. Nixon Oper.

Lease Ekie Jackson #12

Pipe Size 4 1/2 Weight Field Stoneman

Sec. 20 Twp. 4 Range 18W Co. Phillips State Ks

Engineer R.K.L. Operator Jim W.

Fluid Level 2980 TD Operator

2950
2915

PERFORATING

Collars 2885

Collars

Jet Perforate- From 3197 To 99 No. of Shots 5 ✓

Jet Perforate- From 3182 To 84 No. of Shots 5 ✓

Jet Perforate- From 3160 To 62 No. of Shots 5 ✓

Jet Perforate- From 3121 To 23 No. of Shots 5 ✓

Jet Perforate- From 1470 To No. of Shots 2 ✓

Jet Perforate- From To No. of Shots

Jet Perforate- From To No. of Shots

Jet Perforate- From To No. of Shots

Jet Perforate- From To No. of Shots

Jet Perforate- From To No. of Shots

Other Depth Meter Service - Tag Ret. Plug

Other 2868

Other

Other

PLUGS RECEIVED
STATE CORPORATION COMMISSION
Plug @

Plug @

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CONSERVATION DIVISION
Wichita, Kansas



ORIGINAL

15-147-20525-00-00

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77211
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R P NIXON OIL OPERATIONS
207 WEST 12TH
HAYS

KS 67601

WELL NUMBER: 12

CUSTOMER NUMBER: 02584000

LEASE NAME AND NUMBER ELSIE JACKSON	STATE 14	COUNTY/PARISH	CITY	DISTRICT HAYES
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB 11/01/90	T LAND-CC

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE
10100302	1.00	CEMENT CASING 0 TO 300 FEET	440.00
10109005	45.00	MILEAGE CHRG, FROM NEAREST BAS	2.35
10410504	84.00	CLASS "A" CEMENT	5.45
10415018	56.00	FLY ASH	2.88
10420145	241.00	BJ-TITAN GEL, BENTONITE, BULK	0.13
10415049	361.00	A-7-P CALCIUM CHLORIDE PELLETS	0.46
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	17.00
10880001	140.00	MIXING SEVICE CHRG DRY MATERIA	1.10
10940101	283.50	DRAYAGE, PER TON MILE	0.75
10107891	1.00	FUEL SURCHARGE	35.88
			SUBTOTAL
			DISCOUNT

AKC 717

ACCOUNT	4.25000% STATE TAX RECEIVED CORPORATION COMMISSION DEC 27 1990 CONSERVATION DIVISION Wichita, Kansas	685.21
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TAX EXEMPTION STATUS:

PAY THIS AMOUNT

BILLING COPY

15-147-20525-00-06



P.O. Box 4442
Houston, Tx. 77210

Copy

ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

CUSTOMER ACCOUNT NO.		DIST NAME HAYS		DATE 11-1-90		SERVICE CONTRACT NO. 627586	
CUSTOMER R. P. Nixon Op. Inc.		DIST NUMBER 3370		NEW WELL <input checked="" type="checkbox"/> WELL TYPE 0 OLD WELL <input type="checkbox"/>		JOB NUMBER 1100	
ADDRESS 207 W #2th		CITY HAYS		STATE Kv		ZIP 67601	
AUTHORIZED BY Jim Marley		ORDER NO.		WELL OWNER R. P. Nixon Op. Inc.		MTA CODE	
STAGE NO. 0		JOB CODE 1		WORKING DEPTH 207 FT		PUMPING EQUIPMENT	
TOTAL PREV. GALS.		1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		TRUCK CALLED		TIME (A OR P) 820P	
TOTAL MEAS. DEPTH		SIZE HOLE 12 1/4		DEPTH		DATE MM DD YY 11 01 90	
FT.		SIZE & WT. CASING 8 5/8		DEPTH		ARRIVED AT JOB 10:30P 11 01 90	
PRESSURE		SIZE & WT. DRILL PIPE OR TUBING 4 1/2		DEPTH		START OPERATION	
AVG. PSI. 100		PACKER DEPTH		FLUID PUMPED		FINISH OPERATION	
MAX. PSI. 250		REVENUE EQUIPMENT (UNIT NUMBERS)		EMPLOYEES ON JOB (EMPLOYEE NUMBER)			
MAX. BPM 3 1/2		BSU 2029 BSU 6006		D Koekwan		68 7534	
S/S EMPLOYEE NUMBER		BSU 2035		D Rundle		40 9524	
416953		P 17500		B LeKom		44 6953	

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.
<p>Sur Chg is charged on net amount Discount not shown - will credit later</p>									

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and 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 or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK	01	SIGNED: _____			
		(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)			
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
101010302	1	Pump Truck Charge	440.00	E	440 00
10109005	45	Pump Truck mileage	2.35	ml	105 75
10410504	84	Common Cement	5.45	Q	457 80
10415018	56	Poz	2.88	Q	161 28
10420145	241	Gel	.13	L	31 33
10415049	361	Cal. Chloride	.46	L	166 06
10430539	1	Plug	17.00	E	17 00
10820001	140	Handling & Dumping	1.10	SK	154 00
10940101	283.5	Hauling 6.3 Tons 45 mi	.75	Tm	212 63
		As per bid	SubTOTAL		1746 05
SERVICE REPRESENTATIVE	Bill LeKom	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:		Jim Marley	
				Total - 1658.66	

CHECK IF CONTINUATION IS USED (WELL/OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



ORIGINAL

15-147-20325-00-00

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77217

R P NIXON OIL OPERATIONS
207 WEST 12TH
HAYS

KS 67601

AIC 717

WELL NUMBER : 12

CUSTOMER NUMBER : 0258400

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT
ELDIE JACKSON	15			OAKLE
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	T	
WESTERN		11/06/90	LAND-L	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE
10100318	1.00	CEMENT CASING 3,000 TO 3,500	1,045.00
10109005	38.00	MILEAGE CHR, FROM NEAREST BAS	2.35
10410504	125.00	CLASS "A" CEMENT	5.45
10428020	700.00	A-10 GYPSEAL	0.22
10420145	500.00	BJ-TITAN GEL, BENTONITE, BULK	0.13
10415049	80.00	A-7-P CALCIUM CHLORIDE PELLETS	0.46
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPI	1.45
10940101	247.00	DRAYAGE, PER TON MILE	0.75
10880001	125.00	MIXING SEVICE CHR, DRY MATERIA	1.10
10430508	1.00	4-1/2" TOP RUBBER PLUG	42.50
10409600	1.00	4.5 GUIDE SHOE	108.25
10409600	1.00	4.5 INSERT	167.45
10409600	3.00	4.5 CENTRALIZER	43.42
10107891	1.00	FUEL SURCHARGE	75.81
			SUBTOTAL

ACCOUNT	4.25000% STATE TAX	3567.5
	1.00000% COUNTY TAX	3567.5
	STATE CORPORATION COMMISSION	
	NOV 27 1990	
	CONSERVATION DIVISION	
	Wichita, Kansas	

TAX EXEMPTION STATUS: _____ PAY THIS AMOUNT _____



SERVICE OPERATIONS CONTRACT CONTINUATION ORIGINAL

15-147-20525-00-00

CONTRACT NO. 610057

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY	
11	16	190	Oakley, Ks	585	Dan Nixon
CUSTOMER					
R. P. Nixon					

PRICE BOOK	PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
011	10410916010	1	4 1/2" Guide shoe (B)	108.25	ea	108.25
	10410916010	1	4 1/2" Insect (B)	167.45	ea	167.45
	10410916010	3	4 1/2" Centralizers (B)	43.42	ea	130.26
	10410916010		4 1/2" Insect (B)			
	11011017181911		Fuel surcharge -15% discount			75.81
			Total			3643.37

RECEIVED
 STATE CORPORATION COMMISSION
 DEC 27 1990
 CONSERVATION DIVISION
 Wichita, Kansas

SERVICE REPRESENTATIVE: *Dan Nixon* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
 CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



15-147-20525-00-00

ORIGINAL

CUSTOMER

INVOICE DATE
11/27/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. Y5297
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AUTHORIZED BY: 627595

PURCH. ORDER REF. NO.

R P NIXON OIL OPERATIONS
207 WEST 12TH
HAYS

KS 67601

WELL NUMBER : 12

CUSTOMER NUMBER : 02584000

LEASE NAME AND NUMBER ELSIE JACKSON	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME HAYES	DISTR. NO. 3370
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB 11/27/90	TYPE OF SERVICE LAND-SQUEEZE	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10102108	1.00	CEMENTING THRU TUBING 1,001 TO 1,50	850.00		850.00
10109005	37.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.35		86.95
10410504	175.00	CLASS "A" CEMENT	5.45	CF	953.75
10415018	125.00	FLY ASH	2.88	CF	360.00
10420145	1230.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.13	LB	163.30
10415049	141.00	A-7-P CALCIUM CHLORIDE PELLETS	0.46	LB	64.36
10427510	100.00		0.15	CW	15.00
10909810	1.00	SQUEEZE MANIFOLD	125.00		125.00
10880001	375.00	MIXING SEVICE CHRG DRY MATERIALS, P	1.10		412.50
10940101	625.30	DRAYAGE, PER TON MILE	0.75		468.98
10107391	1.00	FUEL SURCHARGE	74.36		74.36
SUBTOTAL					3,575.20

A/C 720 OPER

ACCOUNT	4.25000% STATE TAX	1557.41	66.19
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RECEIVED
STATE CORPORATION COMMISSION
NOV 27 1990
CONSERVATION DIVISION
Wichita, Kansas

TAX EXEMPTION STATUS:	PAY THIS AMOUNT	3,641.39
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P.O. Box 4442
Houston, Tx. 77210

REMIT TO: P.O. Box 100806, Houston, TX. 77212

BILLING COPY

Copy ORIGINAL

15-147-20525-00-00
SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE 11-27-90	SERVICE CONTRACT NO. 627595
NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0
JOB NO. 1124	LEASE NAME & FEDERAL OFFSHORE LEASE NO. Elsie Jackson
WELL NO. 12	COUNTY/PARISH Phillips
STATE KS	CODE 51
STATE KS	STATE KS
FIELD NAME	CITY CODE 14
WELL OWNER R.P. Nixon op	MTA CODE

STAGE NO.	JOB CODE 0124	WORKING DEPTH 1470 FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input checked="" type="checkbox"/>		TRUCK CALLED	6:45 A	MM 11 DD 27 YY 90
TOTAL MEAS. DEPTH	SIZE HOLE 7 7/8	DEPTH	ARRIVED AT JOB	8:15 A	
FT.	SIZE & WT. CASING 4 1/2	DEPTH	START OPERATION		
FT.	SIZE & WT. DRILL PIPE OR TUBING 2 3/4	DEPTH	FINISH OPERATION	1:00 P	
FT.	PACKER DEPTH	FLUID PUMPED	TIME RELEASED	1:20 P	11-27-90
AVG. PSI.			MILES FROM STATION TO WELL 160	SALESMAN NUMBER	

REVENUE EQUIPMENT (UNIT NUMBERS)				EMPLOYEES ON JOB (EMPLOYEE NUMBER)			
BSU	2028	BSU	6006	D. Runde		40	9524
BSU	2030	BSU	6013	R. Doyle		64	7903
BSU	2020			A. Roerger		36	4466
P	17500			B. Zeigler		44	6953

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
 The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and 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 or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK 01
 SIGNED: *[Signature]* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION

SERVICE REPRESENTATIVE *[Signature]*
 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED



A Baker Hughes company

15-147-20525-00-00

ORIGINAL SERVICE OPERATIONS CONTRACT CONTINUATION

CONTRACT NO. 627595

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY
1	12	HAYS	3370	Paul Nixon
CUSTOMER R.P. Nixon of				

PRICE BOOK 01

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1011021108	1475	pump truck charge	850.00	E	850 00
101090005	37	pump truck mileage	2.35	M	86 95
10410504	175	Common Cement	5.45	O	953 75
104150118	125	Poz mix	2.88	O	360 00
104201145	1260	Gel	.13	L	163 80
10415049	141	Cal chloride	.46	L	64. 86
104275110	100	Sand	.15	L	15 00
109109810	1	Squeeze manifold	125.00	E	125 00
108800101	375	Handling & Dumping	1.10	SK	412 50
109401101	625.3	Handling 16.9 37mi	.75	Tm	468 98
		Subtotal			3500 84
		Subtotal			
10110718911		Fuel Surcharge			74 36
		Subtotal			3575 20

RECEIVED
STATE CORPORATION COMMISSION
DEC 27 1990
CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE Bill R. Lecom

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Paul Nixon

✓ CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

15-147-20525-00-00
CEMENTING LOG

STAGE NO.

ORIGINAL

CEMENT DATA

Date 11-27-90 District HAYS Ticket No. 67395
 Company C. R. Nixon Rig 2701
 Lease Elmer Jackson Well No. 12
 County Phillips State Ks
 Location 30W/N30W Glade Field _____

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

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2 Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type _____
5950 6% Gel Excess _____

Amt. 250 Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type _____
Common 3% CC Excess _____

Amt. 50 Sks Yield _____ ft³/sk Density _____ PPG

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

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 2025 - Deon

Bulk Equip. 2020 - Arlen

2034 -

Drill Pipe: Size _____ Weight _____ Collars _____

Float Equip: Manufacturer _____

Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Shoe: Type _____ Depth _____

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10/61 Lin. ft./Bbl. _____

Float: Type _____ Depth _____

Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Drill Pipe: Bbls/Lin. ft. 100377 Lin. ft./Bbl. _____

Stage Collars _____

Annulus: Bbls/Lin. ft. 2108 Lin. ft./Bbl. _____

Special Equip. _____

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG

Perforations: From _____ ft to _____ ft. Amt. _____

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Paul Nixon

CEMENTER Bruce R. Jackson

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						B. Plug at Test Vat 1500 PSI Spot 1 1/2 hrs at 1500' perfor at 1376 1H70' Packer set at 1376'
						Cement of 250 sks 5950 ft 6% Gel tail in w/ 50 sks Comm Com 3% CC Dispenser to 7 bbl below pud on Cement did circulate to surface
						STATE COMMISSION CONSERVATION DIVISION Wichita, Kansas DEC 27 1990

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

Form No. SR 0502 (Rev. 7/85)

Note: Must accompany job ticket