

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE
5252

Operator: License # _____

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: SHIELDS DRILLING CO INC

License: 5655

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 OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

7-30-90 8-6-90 8-20-90
 Spud Date Date Reached TD Completion Date

API NO. 15- 051-24,667-0000
 County ELLIS
150 WEST
SE NE SW Sec. 16 Twp. 11S Rge. 16 East West
1650 Ft. North from Southeast Corner of Section
3120 Ft. West from Southeast Corner of Section
 (NOTE: Locate well in section plat below.)

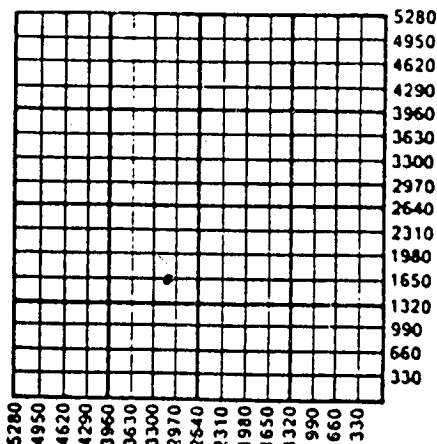
Lease Name CRAIG Well # 4

Field Name LIEB EAST

Producing Formation TORONTO

Elevation: Ground 1785 KB 1791

Total Depth 3410 PBD 3000



Amount of Surface Pipe Set and Cemented at 224 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set. 972' Feet

If Alternate II completion, cement circulated from 972

feet depth to SURFACE 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 [Handwritten Signature]

Title PRESIDENT Date 10-10-90

Subscribed and sworn to before me this 10th day of October, 19 90.

Notary Public Lorna M Herrman
Lorna M Herrman

Date Commission Expires 6-19-92

K.C.C. OFFICE USE ONLY

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

RECEIVED

STATE CORPORATION COMMISSION

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

10-11-90

LORNA M. HERRMAN
 NOTARY PUBLIC
 STATE OF KANSAS
 MY APPT. EXPIRES 6-19-92

SIDE TWO

Operator Name R P NIXON OPERATIONS INC Lease Name CRAIG Well # 4
 Sec. 16 Twp. 11S Rge. 16 East County ELLIS
 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"		224'	POZMIX	140	3%cc 2%gel
PRODUCTION	7 7/8"	4 1/2"		3398'	COMMON	125	500 gals mud flush
PORT COLLAR @ 972' CEMENTED WITH 210 SX COMMON, 140 SX POZMIX & 12 SX GEL							

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
4	3349'-54'	500 gals 15% NE	3210
2	3191-93, 3082-84', 3016-18'	500 gals 15% NE	3100
	2957 1/2-61 1/2'	500 gals 15% NE	3038
		1000 gals 15% NE	2981

TUBING RECORD Size 2 3/8" Set At 3000+ *C2BP* Reaker At 3000' Liner Run Yes No

Date of First Production 8-21-90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 33 Bbls. Gas 0 Mcf Water 0 Bbls. Gas-Oil Ratio Gravity 32.6

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 2957'-61'

15-051-24667-0000

R. P. Nixon Operations

ORIGINAL

R. P. Nixon, Geologist & Oil Producer

207 West Twelfth

HAYS, KANSAS 67601

Phone: 913-628-3834

#4 CRAIG DAILY DRILLING REPORT

API#15-051-24,667

LSE/WELL#1235/4

150' W SE NE SW SEC. 16, T11S-R16W
ELLIS COUNTY, KANSAS

7-30-90 Moved in Shield's Drilling Co rotary rig and rigged up. Started drilling surface hole at 10:00 a.m.

7-31-90 Set 8 5/8" surface casing at 224' with 140 sx 60/40 Pozmix cement 3% cc and 2% gel. Plug down at 8:15 a.m. Started drilling at 8:15 p.m.

8-1-90 Drilling ahead at 1025' at 7:00 a.m.
Elevation: 1785' GR: 1791' KB.
Anhydrite Top: 948' (+843)
Anhydrite Base: 981'

8-2-90 Lost circulation @ 1410'. Cemented adjacent abandoned plugged injection well to the east. Started drilling at 6 p.m.

8-3-90 Drilling ahead at 1873' at 7:00 a.m.
Still losing a little, adding LCM.

8-4-90 Drilling ahead at 2518' at 7:00 a.m.

8-5-90 Drilling ahead at 2980' at 7:00 a.m.

8-6-90 Drilling ahead at 3336' at 7:00 a.m.
Formation Tops: Heebner 2936'
Toronto 2960'
Lansing 2987' (-1196)

The Lansing top is flat with the #3 Craig 1/2 location to the east and 7' high to the #2 Craig 1/2 location to the west.

LTD 3270'
RTD 3410'
Topeka 2694'
Heebner 2934'
Toronto 2957'
Lansing KC 2985' (-1194)
Sample Tops: Conglomerate 3279'
Arbuckle 3349' (-1558)

The Arbuckle Top is 2' low to the #3 Craig and 7' high to the #2 Craig.

Set 4 1/2" casing at 3398' with 21' shoe joint. 75sx Common, 50sx Latex and 500 gals of Mud Flush, plug down at 12:00 midnight. Arrow Port Collar at 972' with basket and centralizers. 15sx in rathole and 10 sx in mouse hole.

REGISTRATION

OCT 14 1990

REGISTRATION DIVISION
HAYS, KANSAS

R. P. Nixon, Geologist & Oil Producer

207 West Twelfth

HAYS, KANSAS 67801

Phone: 913-628-3834

#4 CRAIG DAILY COMPLETION REPORT

API#15-051-24,667

150' W SE NE SW SEC. 16, T11S-R16W

LSE/WELL#1235/4

ELLIS COUNTY, KANSAS

- 8-10-90 Moved in Jay-Lan Corporation Rig #4 and rigged up. Swabbed down 4 1/2" casing to 2868'. L-K Wireline Inc ran logging tool and found TD @ 3334'. Had 44' of fillup. Shut down.
- 8-13-90 Ran bit and tubing in well. Hembree moved mud pump & power swivel to location. Drilled out 44' of fillup. Circulated well clean. Swabbed down 4 1/2" casing to 2836'. L-K Wireline Inc ran logging tool and ran Gamma Ray Neutron Log. Perforated 3349-54 with 20 expendable jets. Ran casing swab and fluid was 1400' from surface. Swabbed well and had good show of oil. Shut down.
- 8-14-90 Ran swab and fluid was 600' from surface. Pulled 300' of fluid and there was 250' of oil and 50' of water. Continued swabbing and test showed 100% water. L-K perforated 3191'-93' (5 holes), 3082'-84' (5 holes), 3016'-18' (5 holes), 2957 1/2'-61 1/2' (9 holes). Ran 4 1/2" Locset and Model R packer and set plug at 3210' and spotted 500 gals 15% NE acid. Pulled packer to 3165' and treated zone and swabbed back. Good acid kick, no oil. Shut down.
- 8-15-90 Ran tubing swab and made 2 hour test. Test was 3 bbls per hour with a trace of oil. Shut down due to rain.
- 8-16-90 Moved packer & plug, spotted acid over 3082'-84', treated with 500 gals 15% NE acid. Swabbed back, short test, about 5 bbls per hour with a trace of oil. Moved packer & plug, spotted acid over zone 3016'-18', treated with 500 gals 15% NE and swabbed back 4 bbls per hour 100% water. Moved packer and plug, spotted acid over zone 2957'-61' and treated with 1000 gals 15% NE acid and swabbed back. Swabbed back and tested 6 bbls of fluid per hour @ 100% oil. Shut down.
- 8-17-90 Checked fillup, 750' 100% oil. Moved plug to cement Port Collar @ 968'. Cemented top stage with 210 sx Common, 140 sx of Pozmix with 12 sx of gel, cement circulated around annulus. Pulled out tools. L-K Wireline Inc set CIBP at 3000'. Shut down.
- 8-20-90 Ran 103 joints of 2 3/8" 8rd EUE tubing, 2x1 1/2x12 RWT pump and 118 joints of 3/4" sucker rods. Moved off location.
- 8-21-90 Put on pump.

ORIGINAL

GEOLOGICAL REPORT

Dan A. Nixon - Certified Petroleum Geologist No. 3179

Well Name: #4 CRAIG
Location: 150' W of SE NE SW
Section 16, T11S-R16W
Ellis County, Kansas

Operator: R.P. Nixon Operations, Inc.
207 West 12th Street
Hays, KS 67601

Contractor: Shields Drlg. Co.
Box 709
Russell, KS 67665

Elevation: American Elevations
Rotary bushing: 1791'
Ground level: 1786'

Samples: Ten foot samples from 2900'
to 2950' and five foot samples
from 2950' to 3410' RTD.

Time Log: One foot intervals from 2900'
to 3410' RTD. A copy of the
time log is included in this report.

Surf. Casing: 8 5/8" @ 224' w/140 sx.
Prod. Casing: 4 1/2" @ 3398' w/ 125 sx.

Port Collar or DV Tool: Port collar @ 972'.
Spud date: 7/30/90
Comp. date: 8/6/90
API #: 15-051-24,667
Lease #: 1235/4

RECEIVED
STATE COMMISSION

1990
COMMISSION
OFFICE

<u>FORMATION TOPS:</u>	<u>SAMPLE DEPTH</u>	<u>LOG DEPTH</u>	<u>MINUS DATUM</u>
Anhydrite (driller's)	948'	947'	+ 844
Anhydrite base (driller's)	981'	980'	+ 811
Topeka		2696'	-905
Heebner Shale	2936'	2934'	-1143
Toronto	2957'	2957'	-1166
Lansing	2987'	2985'	-1194
Base of the Kansas City	3229'	3226'	-1435
Cherty Conglomerate	3279'		-1488
Arbuckle Dolomite	3349'		-1558
Rotary Total Depth	3410'		-1619
Log Total Depth		3270'	-1479

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

Topeka	2726'-32'	Grey, vuggy, fine crystalline lime, poor and trace of fair vuggy porosity. Spotty stain with one piece saturated. Calculated 14-20% porosity, 42-56% water on log.
Toronto	2957'-61'	Dense, fine crystalline, white, grey lime, slight vuggy porosity, rare and spotty stain. Show of free oil and odor in wet samples. Calculated 6-10% porosity and 27-34% water on electric log. Test.
Lansing	3016'-28'	Fine crystalline, white, sandy lime, slight vuggy porosity, light saturation. Slight show of free oil and odor. Calculated 11% porosity, 54% water. Test.
	3082'-84'	Saturated, fossiliferous lime, fair and good fossil porosity, slight show of free oil and odor. Calculated 17% porosity, 38% water. Test.
	3116'-20'	White, fossiliferous lime, spotty stain, slight pinpoint porosity. Calculated wet on log. Not worthy of testing.

Lansing (cont.) 3191'-93'

Dense, white, grey, fine crystalline lime, rare spotty stain. Calculated 10% porosity, 50% water. Slight show of free oil and odor. Consider for testing.

Arbuckle Dolomite 3349'-3410'

Upper portion: medium and coarse crystalline, buff dolomite, good vuggy and oolitic porosity, spotty stain. Good show of free oil and odor. Test upper 5'. Lower portion: stain decreasing with depth to barren, porosity remaining good vuggy porosity, occasionally fair vuggy porosity. Not worthy of testing.

REMARKS:

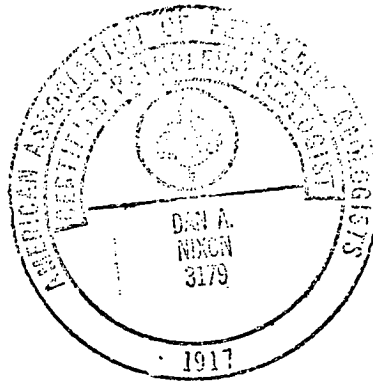
Structurally, the Lansing top on the #4 Craig ran 7' high to the abandoned producer to the west 1/2 location, the #2 Craig, and 2' high to the abandoned producer to the east 1/2 location, the #3 Craig. The Arbuckle top on the #4 Craig ran 7' high to the same #2 Craig and 2' low to the same #3 Craig.

Based on its structural position to surrounding abandoned production and log calculations of zones within the Lansing/Kansas City which contained shows, 4 1/2" casing was cemented at 3398' with 125 sacks for further testing.

Respectfully Submitted,



Dan A. Nixon. CPG #3179



RECORDED
STATE COMMISSION
CORPORATION
WICHITA, KANSAS

ORIGINAL

DRILLING TIME LOG

2900'-2925'	3-5-6-3-4	3-5-4-5-4	5-3-4-4-4	4-4-5-5-4	5-5-5-4-3
2925'-2950'	3-5-5-5-5	4-5-5-4-5	4-3-2-2-3	6-7-6-3-3	3-2-2-2-3
2950'-2975'	2-3-3-2-3	2-2-3-3-3	5-5-4-5-4	4-5-3-5-6	7-5-4-3-3
2975'-3000'	2-2-3-3-3	2-2-3-2-2	2-2-5-6-1	1-2-1-1-2	1-1-3-6-4
3000'-3025'	3-4-5-3-4	3-3-2-3-3	2-3-4-3-4	4-4-3-4-2	2-5-5-3-5
3025'-3050'	5-4-4-4-3	3-3-3-4-2	4-4-4-4-4	4-4-3-3-4	3-5-4-5-4
3050'-3075'	5-3-2-5-3	5-5-2-3-2	3-4-4-6-5	4-3-4-4-5	4-2-3-3-5
3075'-3100'	3-4-3-3-3	4-3-3-1-1	4-4-4-4-3	5-4-4-4-5	3-5-4-4-4
3100'-3125'	4-4-4-5-4	4-4-4-3-3	4-3-3-4-4	3-2-2-3-3	2-2-1-4-4
3125'-3150'	4-4-4-4-4	5-4-5-5-5	5-5-7-5-5	5-4-4-4-3	3-2-2-3-3
3150'-3175'	3-4-4-4-3	3-3-3-2-4	3-3-3-3-2	3-5-5-4-4	5-2-3-4-5
3175'-3200'	4-5-4-5-6	4-2-6-6-3	4-4-4-3-3	4-3-2-4-3	6-5-4-6-6
3200'-3225'	5-5-5-5-5	7-6-6-4-3	5-4-4-5-4	4-5-4-4-4	6-6-5-5-4
3225'-3250'	5-6-5-5-4	4-3-4-3-5	5-5-5-6-5	6-5-4-5-5	5-5-5-4-2
3250'-3275'	2-5-4-3-3	2-3-2-3-4	4-4-3-3-4	3-4-5-4-5	4-4-4-5-3
3275'-3300'	5-5-4-5-4	3-5-5-5-5	4-5-4-4-3	3-3-3-3-3	2-2-2-2-2
3300'-3325'	3-2-4-4-3	3-3-5-4-4	4-4-4-3-4	3-4-4-5-5	6-5-6-5-4
3325'-3350'	4-4-4-5-5	5-6-7-7-5	4-5-4-3-4	4-4-4-3-3	4-3-3-3-2
3350'-3375'	2-1-2-2-2	1-2-1-2-2	2-2-1-1-1	1-1-2-1-2	2-1-1-1-2
3375'-3400'	2-3-1-2-2	2-1-1-1-1	1-2-2-2-2	3-3-3-3-3	4-4-2-3-4
3400'-3412'	3-2-1-2-2	3-3-2-1-3			3410' RTD

CFS @ 3410' 1 hour

RECEIVED
STATE OF CALIFORNIA
DIVISION OF OIL AND GAS

RECEIVED
STATE OF CALIFORNIA
DIVISION OF OIL AND GAS

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 9385

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	8-7-90	Sec.	16	Twp.	11	Range	16	Called Out		On Location		Job Start	12:00AM	Finish	
Lease	Craig	Well No.	4	Location	Fairport 2 N 30 W 1 N E W			County	Ellis	State	Ks				
Contractor	Shields Donly											Owner	EN		
Type Job	Production String											To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	7 7/8	T.D.	3409												
Csg.	4 1/2	Depth	3398												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	Arrow	Depth	972												
Cement Left in Csg.		Shoe Joint	2122												
Press Max.		Minimum													
Meas Line	/	Displace													
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	Dave
	153	Helper	
Pumptrk	No.	Cementer	ed
		Helper	
Bulktrk	79	Driver	
		Driver	

DEPTH of Job		
Reference:	Pump trk chg	838.00
	1.00 Per mile	20.00
	4 1/2 Rubber plug	31.00
	Sub Total	889.00
	Tax	
	Total	

Remarks:
 plug Rent hole up 15 sk
 mouse hole up 10 sk
 mixed 25 com + 50 Latex down 4 1/2
 Float hold

Charge To **RP Nixon Operations**

Street **207 W 12th**

City **Hays** State **Kan** 67601

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. **Burston Beery**

500 gal AMF CEMENT 40 gal Latex

Amount Ordered **150 com**

Consisting of		
Common	150	5.00
Poz. Mix		750.00
Gel.		
Chloride		
Quicks	Latex 40 Gal	15.00
	500 Gal AMF	45.00
		600.00
		225.00
	Sales Tax	
	Handling	90
	Mileage 20m	90.00
	Sub Total	1800.00
	Total	

Floating Equipment **4 1/2**

1 A F U Insert \$ **161.00**

1 Basket **108.00**

4 Centalizers **164.00**

Total \$ 433.00

ORIGINAL

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

TO: R. P. Nixon Operations
207 W. 12th
Hays, Kansas 67601
AIC 717

INVOICE NO. 57186
PURCHASE ORDER NO. _____
LEASE NAME Craig #4
DATE Aug. 17, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 210 sks @\$5.00	\$ 1,050.00	
Pozmix 140 sks @\$2.25	315.00	
Gel 12sks @\$6.75 *	<u>81.00</u>	\$ 1,446.00
Handling 350 sks @\$0.90	315.00	
Mileage (20) @\$0.03c per sk per mi	210.00	
Port collar	450.00	
Mi @\$1.00 pmp. trk.	<u>20.00</u>	<u>995.00</u>
	Total	\$ 2,441.00

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
STATE OF KANSAS
RUSSELL, KANSAS
AUG 21 1990

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

New

ALLIED CEMENTING CO., INC. No. 9366

Home Office P. O. Box 31 Russell, Kansas 67665

Date	8-17-90	Sec.	Twps.	Range	Called Out	On Location	Job Start	Finish
Lease	CRAIG	Well No.	# 4	Location	8:00 AM	10:15 AM	11:00 AM	3:15 PM
Contractor	JAY-LAN	County	ELLIS	State	FAIRPORT 3N 3W 1N			KANSAS
Type Job	OPEN PORT COLLAR	Owner	SAME					
Hole Size	4 1/2	T.D.	968'					
Csg.	2" (RICK)	Depth						
Tbg. Size	REINHARDT OIL TOOLS	Depth						
Drill Pipe	PORT COLLAR	Shoe Joint						
Tool	1,000#	Minimum	500#					
Cement Left in Csg.		Displace						
Press Max.		Perf.						
Meas Line								

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer, and helper, to assist owner or contractor, to do work as listed.

Charge To: R.P. NIXON
 Street: 207 W. 12th
 City: Hays State: Kan 67601

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *AKD*
 X *AKD*

CEMENT CONDITION

Amount Ordered	350 SK	60/40	6% gel
Consisting of			
Common	210 SKS	2,500	1,050.00
Poz. Mix	140 SKS	2,225	315.00
Gel.	18 SKS	(2%) 12-6.25	81.00
Chloride			
Quickset			
Sales Tax			
Handling	.70 PER SK		315.00
Mileage	.03 PER TON MILE	20 mile	210.00
Sub Total			1,971.00
Total			1,971.00

EQUIPMENT

No.	Cementer	<i>Bill</i>
#177	Helper	<i>Will</i>
No.	Cementer	
	Helper	
#156	Driver	<i>Mark</i>
	Driver	

DEPTH of Job		
Reference:	Pump TRUCK Chg	450.00
	1.00 per mile	20.00
Sub Total		
Tax		
Total		470.00

Remarks: BRIDGE Plug @ 2887' RAN opening TOOL DOWN TO port collar & checked B. Plug to 1,000# & HELD. OPENED PORT COLLAR & pumped into Had good CIRCULATION around ANNULAS. Mixed Cement, & Cement CIRCULATED around ANNULAS. Closed TOOL & checked to 800# & HELD, WASHED DOWN 10 JTS & came out of Hole.

LOADING HOLE



ORIGINAL

CUSTOMER

INVOICE DATE
07/31/90

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 77212

PAGE	INVOICE NO.
1	VH029

R P NIXON OIL OPERATIONS
207 WEST 12TH
HAYS

KS 67601

AUTHORIZED BY
627509

PURCH. ORDER REF. NO.

WELL NUMBER : 4

CUSTOMER NUMBER : 02584000

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
CRAIG	14			HAYES	3370
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
		07/31/90	LAND-SQUEEZE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100303	1.00	CEMENTING CASING 0 TO 300 FT.	395.00		395.00
10109005	50.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		55.00
10410504	84.00	CLASS "A" CEMENT	5.45	CF	457.80
10415018	56.00	FLY ASH	2.88	CF	161.28
10415049	361.00	A-7-P CALCIUM CHLORIDE PELLETS	0.32	LB	115.52
10420145	241.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.13	LB	31.33
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	17.00	EA	17.00
10880001	140.00	MIXING SEVICE CHRG DRY MATERIALS, P	0.95		133.00
10940101	157.50	DRAYAGE, PER TON MILE	0.70		110.25
SUBTOTAL					1,476.18

A/C 717

ACCOUNT	4.25000% STATE TAX	782.93	33.27
TAX EXEMPTION STATUS:	PAY THIS AMOUNT		1,509.45



P.O. Box 4442
Houston, Tx. 77210

CUSTOMER COPY

ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS 30 DAYS FROM DATE OF CONTRACT

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

DATE **7-31-90** SERVICE CONTRACT NO. **627509**

CUSTOMER ACCOUNT NO.	DIST NAME HAYS	NEW WELL <input checked="" type="checkbox"/> WELL TYPE 0	JOB NUMBER
CUSTOMER R.P. Nixon Oper	DIST. NUMBER	WELL NO. #4	LEASE NAME & FEDERAL OFFSHORE LEASE NO. Craig
ADDRESS 207 W 12th	COUNTY/PARISH Ellis	CODE 5-1	STATE Tx. CODE 14
CITY Hays STATE Tx. ZIP 67601	FIELD NAME	CITY CODE	
AUTHORIZED BY R.P. NIXON (Please Print)	ORDER NO.	WELL OWNER R.P. Nixon	MTA CODE

STAGE NO.	JOB CODE 0124	WORKING DEPTH 227 FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
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	3:00 A	7-31-90
TOTAL MEAS. DEPTH 227 FT.	SIZE HOLE 12 1/4 DEPTH 227 FT		ARRIVED AT JOB	5:00 A	7-31-190
	SIZE & WT. CASING 8 5/8 20# DEPTH 223 FT		START OPERATION		
	SIZE & WT. DRILL PIPE OR TUBING		FINISH OPERATION	8:15 A	7-31-90
	PACKER DEPTH	FLUID PUMPED	TIME RELEASED		
			MILES FROM STATION TO WELL 25	SALESMAN NUMBER 36-4466	

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

MAX. BPM **4**

S/S EMPLOYEE NUMBER **36-4466**

REMARKS

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 REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	UM	PRICE EXTENSION
101109303	1	Pump Touch Chg.	395 ⁰⁰	Ea	395 ⁰⁰
101109005	50	P.T. Mileage	1.10	MI	55 ⁰⁰
10410504	84	Common	5.45	Q	457 ⁸⁰
10415018	56	Poz-mix	2.88	Q	161 ²⁸
10415049	361	Calcium	.33	LB.	115 ⁵²
10420145	241	Sel	.13	LB.	31 ³³
10430539	1	Plug Top-hole	17 ⁰⁰	Ea	17 ⁰⁰
10880085	140	Handling & Dumping	.95	Q	133 ⁰⁰
10880011	157.5	Mileage 25 Mi 16.3 Ton	.70	TM.	110 ²⁵
		Total			1476⁶⁸

SERVICE REPRESENTATIVE **Aden Koerner** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Burton Beary**

CHECK IF CONTINUATION IS USED
CUSTOMER: This is not an invoice. This Service Operations Contract is subject to review and correction by our Accounting Department.

JOB NUMBER 627509		CONTRACT NUMBER 627509		DATE 7-31-90	DISTRICT NAME Hays Kc	
CUSTOMER NAME AND ADDRESS R. P. Nelson Oper				DIRECT SHIPMENT FROM BJ Services		
VENDOR NAME BJ Services						
Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	Common Cement	Q	84		
2	415019	Pozmix	Q	56		
3	415049	Calcium chloride	L	361		
4	420145	Self	L	240		
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COPY 1 — DISTRICT COPY COPY 2 — CUSTOMER COPY COPY 3 — HOUSTON	LOADED BY: Dean Rundo <small>PRINTED</small> Dean Rundo <small>SIGNATURE</small>	CUSTOMER: Burton Beery <small>SIGNATURE</small>
	DATE: 7-31-90	