BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON TWEELS ED (Do not use this form for proposals to drill or to deopen or plus bit to the Hall Reports. (Do not use this form for proposals to drill or to deopen or plus bit to the Hall Reports. (III.	orm 3160-5 (ovember 1983)	UNITED ST	ATES	SUBMIT IN TRIPLIC	n re-	Expires Augu	u No. 1004-0135 st 31, 1965
SUNDRY NOTICES AND REPORTS ON REFERENCE (Do not use this form are proposed to define the p	(Formerly 9-331) DEPARTMENT OF THE INTERIOR ***** mide)					. CEASE PERIONATIO	N AND SERIAL NO.
SUNDRY NOTICES AND REPORTS ON WELL CAND AND REPORTS ON WELL CAND AND REPORTS ON WELL CAND AND REPORTS ON THE PERSON OF THE PERSO						MM 17007	
See JUN - 3 PM 2: 43 ROBERT L. Bayless FARMINGTON RESOURCE AREA READINGTON RESOURCE AREA RANGED FARMINGTON NEW MEDICO FOR A SECURITY OF A S	SUND (De not use this fo	RY NOTICES AND THE FOR PROPOSED TO THE TOTAL PROPOSED TO THE PERMITTED TO	REPORTS deepen or plug	ON PARELLS EU ALL MARIE RADOM.		y 10 100121. 2010(1)	THE OR TRIBE NAME
Robert L. Bayless FARMINGTON RESOURCE AREA Robert L. Bayless FARMINGTON REW MEXICO PROVIDED TO THE PROPERTY OF	OIL CAR X	OTRES	8	38 JUN -3 PM 2: 43		. UNIT AGENEMENT	NAMS
ASSESSED OF JUNE 20 PATE AND STATES AND STAT	NAME OF UPBRATOR		EAS	MINGTON RESOURCE AR	EAT	. PARM OR LEASE H	AMB
P.O. Box 168, Farmington, NM 87499 Direction of State (Roper) lectation circuity and in accordance with any State requirements.* In Figure 30 Pool, on Wilders Rusty Chairs 30 Pool, on Wilders Rusty Chairs 31 Pool, on Wilders Rusty Chairs Wilders Wilders Rusty Chairs 31 Pool, on Wilders 31 Pool, on Williams 31 Pool, on Williams 31 Po	Robert L. B	ayless	F	ARMINGTON, NEW MEXICO	<u> </u>		
This paper of a Fredrick of Services of the Se	ADDRESS OF OPERATOR				*). WHLL HO,	
As surfece 1850' FNL 8 790' FEL Rusty Charge 11. *** *** *** *** *** *** *** *** ***	P.O. Box 16	8, Farmington, NM	87499	State seguirements			00 2000
THE A 1990 TELL OF THE A 1990 TELL OF SET O	See also space 17 below)	LUBBLA MILO RO	A 20tte Ledattementer.	. ∤.	•	
THE VITE OF THE THAT SHOW SHOW SHOW SHOW SHOW SHOW SHOW SHOW	At surface 1850'	FNL & 790' FEL			-		
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTERTION TO: TEST WATER SECT-OFF PRICTISE TREAT SHULTIFLE COMPLETE SHOULD BE ADMOON! (Other) CHANGE PLANS (Other) SEE ATTACHED DAILY REPORTS (5/20/88 thru 5/31/88). DEEP ATTACHED DAILY REPORTS (5/20/88 thru 5/31/88).						SURFET OR AR	ia.
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SECTORY PICTURE TRAIT STROY OR ACTIONS STR	nea VIII VI	15 PIPVATIONA	(Show whether 0	F. ST. CR. etc.)		Section 3,	T21N, R6W
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Notice of Intertant to: TEST WATER SECTIONS PARTICE SECTIONS PRINTING TREAT SHOULD A ALTER CISING THANKS PLANT THANKS TREAT SHOULD A CIDIES AND DO A CIDIES AND DO A CIDIES THANKS THANKS THANKS PLANT THANKS THANKS TO ALTERING WELL ALTERING CASING ALTERING CASING ALTERING WELL ALTERING CASING ALTERING WELL ALTERING CASING THANKS THANKS TO ALTERING TO THANKS AND PROPERTY TO THANKS TO ALTERING CASING THANKS THANKS TO ALTERING TO THANKS TO ALTERING THANKS AND PROPERTY THANKS TO ALTERIA THANKS TO ALTER	PERMIT NO.	13. 40274110.73					i
NOTICE OF INTENTION TO: TEST WATER SECTIONS PICLE OR ALTER CASING PRACTICE TRACE MULTIPLE COMPLETE SHOUT OR ACIDEES ARABONE PLANS (Other) PETFORATING NOTICE TRACE TRACELING (Other) PETFORATING (OTHER) PETFORATION (OTHER) PETFORATION (OTHER) PETFORATION (OTHER) PETFORATION (OTHER) PETFORAT	 -	Cl. 1 A			Osb		INPI
TEST WATER SHITTOFF PRINTIZE TREAT SHOOT OR ACIDEES ANADON* CHANGE PLANS (Other) PACTOR POPTORENTIA AAADON* AAADON	TOK	• •	io indicate i				
PRACTICE TREAT MULTIPLE COMPLETE SHOOT OR ACIDEES ARANDON' ARANDON' ARPHIR WELL CHANGE PLANS COMPLETE OF TREATMENT ARANDON' ARANDONE ARPHIR ARANDON' ARPHIR WELL CHANGE PLANS COMPLETE OF TREATMENT ARANDON' ARANDONE ARPHIR ARANDON' ARANDON' ARPHIR WELL CHANGE PLANS COMPLETE OF TREATMENT ARANDON' ARANDON' ARANDON' ARANDON ARPHIR ARANDON' A						222412170	
STOOT OF ACIDIES ARANDON* CHANGE PLANS COMPLETATING MINISTER COMPLETATION OF MINISTER COMPLET		· i					
REPLIE WELL CHANGE PLANS (Other) PROTECTAING (Other) Protection of multiple completion on Well Completion or Recompletion Report and Log form.) DESCRIPTION OF SERVICE COMPLETED OPERATIONS, (Clearly stair all pertipent details, and give pertipent dates, including entired Log form.) DESCRIPTION OF THE PROTECT OF SERVICE OF S			·•		$\frac{\lambda}{X}$		
Completion of Recompletion Record and Log form.) Separation incorposed on Completic personal Log form.) Separation incorposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sonce per nent to this work.) SEE ATTACHED DAILY REPORTS (5/20/88 thru 5/31/88). SEE ATTACHED DAILY REPORTS (5/20/88 thru 5/31/88). DECEIVE JUN 0 9 1988 OIL CON. Dr.' DIST. ? bereby certify that the forfgoing between defrect title persons and locations and measured and true vertical depths for all markers and sonce per nent to this work.) TITLE Petroleum Engineer DATE 6/2/88 PPROVED BY TITLE DATE							X
SEE ATTACHED DAILY REPORTS (5/20/88 thru 5/31/88). RECEIVED JUN 0 9 1988 OIL CON. DIY DIST. ? DATE Petroleum Engineer DATE	(Other)	_		(Note: Report re Completion or Re	esults of completion	multiple completion Beport and Log f	on Well
DIST. ? Thereby certify that the torfgoing to true and forect IGNED WAY. Petroleum Engineer This space for Federal or State office use) PPROVED BY					29		U
bereby certify that the forfgoing is true and forect IGNED	,						
hereby certify that the forfgoing to true and forect IGNED					O		3147
TITLE Petroleum Engineer DATE 6/2/88 Kevin H. McCord This space for Federal or State office ase) PPROVED BY TITLE DATE						DIST. ?	
TITLE Petroleum Engineer DATE 6/2/88 Kevin H. McCord This space for Federal or State office use) PPROVED BY							
This space for Federal or State office use) PPROVED BY	1/100	H. M. Cow	TITLE	Petroleum Engineer		DATE	6/2/88
		OVAL, LP ANY:	TITLE			DATE	

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any faise, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

Natani #27

DAILY REPORT

Page 2

5/19/88 Ran 2 7/8" casing as follows:

Description	Length	Depth
KB to landing point 1 pup jt. 58 jts. 2 7/8" 6.5#/ft N-80 EUE used tbg. Insert baffle 1 jt. 2 7/8" 6.5#/ft N-80 EUE tbg.		0- 5 4- 9 9-1825 1825-1825
& 1 shoe jt. 1 guide shoe (notched collar)		1825-1857 1857-1858

No centralizers (tight hole).

Rig up Western Company. Cement with 75 sacks (154.50 ft³) Class B with 2% Econofill tailed by 75 sacks (117.75 ft³) 50/50 poz 2% gel 10% salt. Good circulation throughout job. Circulated approximately 30 sacks cement to surface. Shut in pressure 400 psi. Plug down at 5:20 PM 5/18/88. Wait on completion rig.

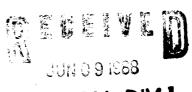
5/20/88 Ran wireline depth check with Wilson Wireline. Tagged cement @ 1730'. Pressure tested casing to 500 psi-held OK.

5/21/88 to 5/22/88 Shut down for weekend.

5/23/88 Rigged up L & B speedrill. Picked up 1 1/4" EUE tubing and bit. Tripped in hole and tagged cement @ 1730'. Drilled plug plus 20' of cement. Depth 1750'. Shut down for night.

5/24/88 Continued drilling cement. Drilled to 1825'. Displaced casing with fresh water. Laid down 1 1/4" drillpipe. Released rig. Shut down for night.

Rigged up the Western Company and pressure tested casing to 3500 psi-held OK. Rigged up Welex and ran GR-CLL-Neutron logs from PBTD 1825'-1100'. Ran CBL from PBTD 1825'-1100'. Set bottomhole plug @ 1824'. Shut down for night.



OIL CON. DIV.)
DIST. 3

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

Natani #27

DAILY REPORT

Page 3

5/26/88 Rigged up Welex to perforate Chacra formation. Perforated with Linkjet (.42" diameter holes, 22 gram/charge, 14" penetration). Perforated intervals as follows:

1704 - 1709 1690 - 1701 1682 - 1687	5' 11' <u>5'</u> 21'	5 holes 11 holes <u>5 holes</u> 21 holes	(A2 diameter)
	41	21 holes	(.42 diameter)

Welex ran out of Linkjet charges and connection for charges was loose. Shut down for night so Welex could find new connection and charges.

5/27/88 Rigged up Welex and continued perforating. intervals as follows:

1642 - 1650 1609 - 1638 1598 - 1604 Subtotal 5/26	8, 29, <u>6,</u> 43, 21,	8 holes 29 holes 6 holes 43 holes 21 holes
Total	64'	64 holes



Ran sinker bar to clean hole of debris. Sinker bar stopped @ 1622. Couldn't go any deeper. Called for 2 more sinker bars. Still couldn't knock out bridge @ 1622'. Rigged up Western Company and broke down perforations. Breakdown pressure was 3500 psi. Established a rate of 5 BPM @ 1150 psi. ISIP = 350 psi. Acidized Chacra interval with 500 gallons of 7 1/2% weighted HCL acid containing 96 1.3 s.g. RCN ball sealers at 7 balls/bbl at a rate of 5 bbl/min. Displaced acid with 9.9 barrels of KCL water @ 7 bbl/min and 950 psi. There was no ball off or ball action. Final injection rate was 7 bbl/min @ 950 psi. ISIP = 350 psi; BHTP = 1066; FG = .64 psi/ft. Ran sinker bar to check for ball sealers. Depth before ball sealers were run was 1618'. Couldn't get sinker bar back to bottom. Bridges @ 600' and 1200'. Sinker bar was sticking in bridges. Rigged up Western and pumped sinker bars to 1612'. Not deep enough to frac. Shut down for night.

5/28/88 to 5/29/88 Shut down for weekend.

5/30/88 Moved L-B drilling rig in. Picked up 1 1/4" EUE tubing and S-T bit. Trip in hole. Hit bridge @ 1622'. Drilled on junk to 1650'. Shut down for night.

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

Natani #27

DAILY REPORT

Page 4

Continued drilling from 1650'-1808'. Bridges from 1622'1808'. Circulated hole clean @ 1808'. Displaced hole with
KCL water. then spotted 84 gallons of 7 1/2% weighted HCL acid
over perforation interval 1463'-1808'. Laid down 1 1/4"
tubing. Rigged up Western Company and acidized Chacra
interval with 84 gallons water and 166 gallons of 7 1/2%
weighted HCL acid (total 250 gallons) containing 96 1.1 s.g.
RCN ball sealers dropped at a rate of 16 balls per barrel. No
ball off or ball action seen. Rigged up Welex and ran sinker
bar to bottom (1788') cleaning perfs. Bridges @
600'-1200'-1600'. Fracture stimulated Chacra interval with
37,500 gallons of 70 quality foam with 50,000# of 20-40 mesh
sand as follows:

7,500 gal. of 70 quality foam pad 10,000 gal. of 1 ppg 20-40 sand 20 BPM @ 1600 psi @ 5200 SCFM 20,000 gal. of 2 ppg 20-40 sand 20 BPM @ 1690 psi @ 5200 SCFM 388 gal. of 70 quality foam flush 20 BPM @ 1690 psi @ 5200 SCFM

ISIP = 950 psi 10 min. = 760 psi 5 min. = 780 psi 15 min. = 760 psi

All water contained 2% KCL and 1/2 gal/1000 clay stabilization agent. Average rate = 20 BPM; Average pressure = 1690 psi; Nitrogen injection rate = 5200 SCFM/min; Total nitrogen pumped = 224,400 SCF; Total fluid to recover = 281 barrels. Shut well in for 3 hours. Blow well back to atmosphere through 1/8" tapped plug. Flow well to clean up for AOF.

