TOWNSHIP /	7 South	Range 3	East	NMPM	
			5456		
6		4			
17 1	8		10	11	12
18	17	16	15	14	13
* 19	20	21	22	23	24
++++					
30	29	28	27	26	25
					,
31-	32	33	34	35	36 +

Description: All Sec, 3, E/2 and E/2 W/2 Sec. 4, NEX and E/2 NOY/Sec, 9, N/2 Sec. 10 (R-8062, 10-31-85)

Amend hopizontal limits to be N/2 and SE/4 Sec. 4 (R-8062-A, 1-21-86)

Ext: NEX Sec. 9 (R-8214, 5-1-86) Ext: NOW/ Sec. 9 (R-8340, 11-3-86)

Ext: NOW/4 Sec. 3 (R-8409, 3-7-87) Ext: NEX Sec. 3 (R-8451, 6-3-87)

Ext: SE/4 SEC 3 (R-8533, 10/28/87) Ext: NEX SECS (R-8603, 7/2/88)

Ext: Now/4 Sec. 1 (R-8701, 4-1-89) Ext: SE/4 Sec. 2, Now/4 Sec. 125-89)

Ext: Now/4 Sec. 1 (R-8772, 11-1-88) Ext: Sow/4 Sec. 4, SE/4 Sec. 5 (R-9472, 4-1-91)

ENERGY AND MINERALS D		Form C-103
NO. OF COPIES RECEIV		Revised 10-1-78
DISTRIBUTION	P.O. Box 2088	
SANTA FE	SANTA FE, NEW MEXICO 87501	5a. Indicate Type of Lease
FILE		State Fee X
U.S.G.S		1
LAND OFFICE		5. State OII & Gas Lease No.
)
OPERATOR		_
<u> </u>	SUNDRY NOTICES AND REPORTS ON WELLS	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
(DO NOT DES THIS EOD	M FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
	USE "APPLICATION FOR PERMIT-" (FORM C-101) FOR SUCH PROPOSALS.)	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	GAS	7. Unit Agreement Name
1.016	land the second	7. Ulti Agreement Name
WELL	WELL OTHER Dry hole	-
2. Name of Operator		8. Farm or Lease Name
Read & Stevens, In	c	Blackmar
Address of Operato	r	9. Welt No.
P.O. Box 1518, Ros	well, NM 88201	1
4. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER P	. 330 FEET FROM THE South LINE AND 660 FEET FROM	Wildcat
THE East LINE	. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM	
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX 5. Elevation(Show whether DF,RT,GR,etc.)	12. County XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX		Lea XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	Check Appropriate Box To Indicate Nature of Notice, Report or Oth	ner Data
NOTIC	E OF INTENTION TO: SUBSEQUENT RE	PORT OF:
PERFORM REMEDIAL W	ORK PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDO	N CHANGE PLANS COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT X
PULL OR ALTER CASI		
OTHER	OTHER	
Describe Proposed or	Completed Operations(Clearly state all pertinent details, and give	pertinent dates. Including esti-
	g any proposed work) SEE RULE 1103.	, per man caree, management
	,, ,	
9-5-84	Pulled tbg, set CIBP @ 48001, dumped 351 cmt on top of plug, ran	the to 47251, circ hale
	w/mud, pulled tbg to 45071.	, ag (2 1, 25 , 21, 2 1, 21, 21, 21, 21, 21, 21, 21, 21
	Tribular to the tribular to th	
9-6-84	Pulled wellhead & slips, cut csg € 25301, pulled 161jts 4 1/2" cs	ea anot 40su
, 0 0+	2580'-2393', prep to tag plug, SDON.	,g, spoi 403k
*	2360 -2393 , prop 10 rag prug, 3004.	
9-7-84	Plug tagged @ 24511, pulled tbg to 20471, spot 40sx cmt, plug 191	101 2047 L mull the
7 7 - 04	spot 10sx @ surface w/dryhole marker. Waiting to clean location,	
	when location is cleaned.	WILL NOTITY COMMISSION
	whell location is cleaned.	
I hereby contifu the	the information should be delicated and consists to the best of	window and hallof
. Hereby certify ma	t the information above is true and complete to the best of my kno	wieage and belief.
SIGNED D	TITLE COLLINS OF THE PARTY OF T	DATE A 17 A1
STORED V	TITLE Drilling & Production Manage	or DATE 9-12-84
A STATE OF THE STA	nald M STATE DEL & GAS INSPECT	OR !8% 1 6 1000
APPROVED BY	nach III James and	OR DATE JAN 1 6 1985

NO. OF COPIES RECEIVED OIL CONSERVATION DIVISION Revised 10-1-DISTRIBUTION P.O. Box 2088 SANTA FE SANTA FE, NEW MEXICO 87501 SANTA FE SANTA FE, NEW MEXICO 87501 Sa. Indicate Type of Lease Fee X State FOR FOR FOR FOR PROPOSALS TO DIVISION OF PERMIT FEE SANTA FE, NEW MEXICO 87501 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ENERGY AND MINERALS DEPARTMENT					Form C-103
DISTRIBUTION P.O. Box 2088 SANTA FE SA		OIL CONSERVATION	DIVISION		**	Revised 10-1-78
SANTA FE, NEW MEXICO 87501 Sa, Indicate Type of Lease Store Fee X Store Sto		P.O. Box 7	2088			
SINGE Fee X State Fee X State Fee X State State Fee X State State		SANTA FE. NEW ME	X100 87501	ĺ	5a. Indicate T	vpe of Lease
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SUBDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			•	·	h-a-b	
SUBSECTION SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		•			5. State Oll &	Gas Lease No.
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The control of the					xxxxxxxxxxxxx	kxxxxxxxxxxxxxxxx
MELL OTHER Dry hole 2, Name of Operator Raad & Stavens, Inc. 3, Address of Operator P.O. Box 1518, Roswell, NM 88201 9, Well No. 10, Field and Pool, or Wildcat UNIT LETTER P., 330 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 17S RANGE 37E NMPM XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						
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UNIT LETTER P. 330 FEET FROM THE South LINE AND 660 FEET FROM Wildcat THE East LINE, SECTION 5 TOWNSHIP 17S RANGE 37E NMPM XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		1201			10 51-14	7
THE East LINE SECTION 5 TOWNSHIP 17S RANGE 37E NAPM XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	4. Location of Well	•		٠	IV. Fleto and	Pool, or Wildcat
THE East LINE SECTION 5 TOWNSHIP 17S RANGE 37E NAPM XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	' 'mur (erren 0 - 770	SEET STOM THE COURT I	LNE AND SCO	CEET COOM	with a	
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	UNIT LETTER P	FEET FROM THE SOUTH E	THE AND DOU	FEE! FROM	WILGGAT	***************************************
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER Coscribe Proposed or Completed Operations(Clearly state all pertinent details, and give pertinent dates, including est mated date of starting any proposed work) SEE RULE 1103. 1) Set CIBP @ 48001, spot 351 of cmt on plug w/dump baller. 2) Circulate hole with mud. 3) Spot 25sx plug from 45001 to 44001 across 8 5/811 casing shoe @ 44501. 4) Cut csq @ +26001, pull csq, spot 25sx plug @ 25501 to 26501 across csg stub. 5) Spot 1001 plug 19501 to 20501, 35sx cmt, top of salt plug. 6) Spot 10sx surface plug w/dry hole marker. 7) Clean location and prep for inspection.	THE East LINE SECTION	5 TOWNSHIP 17S	RANGE	37E NMPM	\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$; <u>&&&&&</u>
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER Describe Proposed or Completed Operations(Clearly state all pertinent details, and give pertinent dates, including est nated date of starting any proposed work) SEE RULE 1103. 1) Set CIBP @ 4800', spot 35' of cmt on plug w/dump baller. 2) Circulate hole with mud. 3) Spot 25sx plug from 4500' to 4400' across 8 5/8" casing shoe @ 4450'. 4) Cut csq @ ±2600', pull csq, spot 25sx plug @ 2550' to 2650' across csg stub. 5) Spot 100' plug 1950' to 2050', 35sx cmt, top of salt plug. 6) Spot 10sx surface plug w/dry hole marker. 7) Clean location and prep for inspection.	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	. Elevation(Show whether	DF.RT.GR.etc.)	12. County	XXXXXXXXXXXXXXX
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7) Clean location and prep for inspection.				(1.21	a be nominad	24
7) Clean location and prep for inspection.	6) Spot 10sx surface plug w/dr	y hole marker.	. Tuloù k	10 (1979 A 1972)	FIREHAMI, C	, e
7) Clean location and prep for inspection.			100	en in Station of the State of		
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	7) Clean location and prep for	Inspection.				
I hereby certify that the information above is true and complete to the best of my knowledge and belief.		·			• • •	
	I hereby certify that the information	tion above is true and co	mplete to the	best of my kno	wledge and bell	ef.
\mathcal{L}	\mathcal{A}	14	•			
SIGNED JUWW TITLE Drilling & Production Manager DATE 8-30-84	SIGNED IN	TITLE_	Drilling & Pro	oduction Manage	r DATE	8-30-84
	•					
	APPROVED BY ORIGINAL SIGNED BY	TITLE			DATE A	

NO. OF COPIES	RECEIVED			
DISTRIBUT				
SANTA FE		L		L
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11111131 0 =	GAS	L		į
OPERATOR				l
PROPATION OFFICE			<u> </u>	l

SANTA FE	REQUEST	FOR ALLOWABLE	Supersedes Old C-10	4, and C-110
FILE	· · · · · · · · · · · · · · · · · · ·	AND	Effective 1-1-65	
u.s.g.s.	AUTHORIZATION TO TR	RANSPORT OIL AND NATURAL G	AS .	
LAND OFFICE				
TRANSPORTER OIL GAS	•			•
OPERATOR CESTOS				
PRORATION OFFICE				
Operator Read & Stevens, Inc.				
Address				
P.O. Box 1518, Roswell, NM	88201			
Reason(s) for filling (Check p	roper box)	Other (Pleas	e explain) 150 BO	
New Well	Change In Transporter Of:	Testing al	lowable for 6-9998 for t	he
Recompletion	Oil Dry Gas		June.	
Change in Ownership	Casinghead Gas Condens	30.0	·	
f change of ownership give na and address of previous owner	me			
DESCRIPTION OF WELL AND LEA				
4	I No. Pool Name, Including	'	d of Lease	Lease No.
Blackmar Location	1 Wildcat- Za	ause	Fee	
Unit Letter P 5	330 Feet From The S	outh Line and 660 Range 37E ,NMPM,	Feet From The East	inty
II. DESCRIPTION OF TRANSPORTER	OF ALL AND MATURAL CAS			
Name of Authorized Transporte		Address(Give addre	ess to which approved consent)	by of this form
KOCH 011 Company		i	fichita, KS 67201	
Name of Authorized Transporte	r of Casinghead Gas X Dry G		ess to which approved co	by of this form
		Is to be	sent)	
If well produces oil or liqui	ds, Unit Sec. Twp.	Rge. Is gas actually co	onnected? When	
give location of tanks	P 5 17S	37E		
f this production is comming	ed with that from any other	lease or pool, give comm	ingling order number:	
III. COMPLETION DATA				
Designate Type of Completi	ion-(X) Oll Well Gas Well	New Well Workover Deep	on Plug Back Same Res	v Diff. Res'v
Date Spudded	Date Compl.Ready to Prod	Total Depth	P.B.T.D.	-
Elevations(DF,RKB,RT,GR,etc)	Name of Prod. Formation	Top Oll/Gas Pay	Tubing Depth	
Perforetions			Depth Casing Shoe	
	TUBING, CASING	 		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT	
			· 	
IV. TEST DATA AND REQUEST FOR	ALLOWABLE (Test must be aft	er recovery of total volu	ne of foad and must be e	gual to or
DIE WELL	,,	rable for this depth or be		
Date First New Oll Run To	Date of Test	Producing Method(Flow, p	ump, gas iift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size	
Actual Prod, During Test	Oll-Bbis.	Water-Bbis.	Gas-MCF	
		L		
SAS WELL			%.	
Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensat	е
Testing Method(pltot, back pr	Tubing Pressure (Shut-In)	Casing Pressure(Shut-In)	Choke Size	
CERTIFICATE OF COMPLIANCE	 	OLL CONCEON	ATION COMMISSION	
	for and	APPROVED JUN	ATION COMMISSION 2 1 1984	10
i hereby certify that the rule Oil Conservation Commission ha	**		die W. Seay	19
that the information given al			Gas Inspector	
to the best of my knowledge		ll	led in compliance with R	ule 1104.
12 Total	<u>.</u> .	<i>,</i> ,	for allowable for a new!	
Un Stolle		11	panied by a tabulation o	
(Signature)		11 .	in accordance with Rule	-
/ D=1111		for allowable on new an	form must be filled out	COMPISTSIY
Drilling & Product (Title)	rion managér	11	s 1,11,111, and VI for c	hanges of
		1.6		

chaegareteccodmisical04 must be filed for each pool in multiple.

STATE OF NEW MEXICO

15_Date Spudded 16_Date T.D. Reached 17_Date Comp. (Ready to Prod. 18_Elevations (DF,RKB,RT,GR,etc. 19_Elev. Casinghead 1-2-84 2-12-84 - 3789.61 GL -	ENERGY AND MINERAL	S DEPART	MENT									Form C-	105
SANTA FE					01L 0	ONSERVATION	N DIV	ISION				Revised	10-1-78
SANTA FE	NO. OF COPIES REC	EIVED				.O. BOX 2	880				5a.	Indicate	Type of Lease
U.S.G.S.			\Box		SANTA	FE, NEW M	EXICO	8 7501			St	ate	Fee X
U.S. G.S.	. }		1-1	WCI I	MINDLETTI	או הם פריה	MOI ET	10N DCD	YOT AMO	100	5	**** 01	I d Gas Loaco No ®
DRY			++	WELL	COMPLETE	JA UN REGU		ION REI	או אאט	LUG	1 2. 3		a ods rease no.
OPENATOR ORS OTHER O			+-+								777	**************************************	***************************************
2. TTPE OF WELL OIL GAS WELL WELL WELL DRY X OTHER S.			+-+					,			1		
OTHER WELL WELL DRY DTHER			1-1			···········	~						
B. Farm or Lesse Name Blackmar Blackma	1a. TYPE OF WELL				<u>,</u>	ney XI	отн	FR			/ '	init vär	sement Name
WILL X OVER DEEPEN BACK RESVR, OTHER Blackmar	b. TYPE OF COMPLET			7100		Divi Link	· · · · ·	-'\				 	-
2, Name of Operator 10, Fleld and Pool, or Wildoot 11, Location of Well 10, Doot 1518, Roswell, NM 88201 10, Fleld and Pool, or Wildoot 11, Location of Well 10, Doot 1518, Roswell, NM 186201 10, Location of Well 10, Doot 15, Date Spudded 15, Date T.D., Reached 17, Date Comp. (Ready to Prod. 18, Elevations (Dr. RR, RT, GR, etc. 19, Elev. Casinghead 12-284 2-12-	NEW WORK			•							8. F	arm or	Lease Name
Read & Stavens, Inc. 10, Fleid and Pool, or Wildoer P.Q., Box 1518, Roswell, INN B8201 10, Fleid and Pool, or Wildoer Wi			DEEPEN	BACK	RES	VR.	OTH	ER			1		mar
10, Field and Pool, or Wildorh 11, Location of Mail 12, Location			-								9. v	iell No.	•
P.O. Box 1518 Reswell NM 88201											+		1
	-										1		d Pool, or Wildcati
NIT LETTER P LOCATED 330 FEET FROM THE South LINE AND 650 FEET FROM			W 88201										
15. Data Spudded 16. Data T.D. 175 RGE, 37E NAPPM	4. Location of Well				- .						XXXX		******
15_Date Spudded 16_Date T.D., Reached 17_Date Comp., Ready to Prod. 18_Elevations(DF,RKB,RT,GR,etc.) 19_Elev. Casingheed 1-2-84 2-12	UNIT LETTER P LO	CATED	330 FEE	T FROM	THE_SO	7			EET FR	OM	2225	****	<u> </u>
1-2-84 2-12-84									222222	222222			
21, Plug Back T.D. 22, If Multiple Compl., How Many 23, Intervals Rotary Tools Cable Tools 11,2001 50151 -				17.Da	te Comp.(Ready to P	rod.	18.E1e			RT,GR	etc. 1	9.Elev. Casinghead
11,2001 50151				22.11	Multiple (Compl., Ho	w Man	y 2			Rotary	Tools	Cable Tools
25_was Directional Survey Made					·				Drill	ed By	01-1	1,2001	
6384'-6396', 5668'-5675', 5092'-5110', 4846'-4854', Paddock, San Andres 27, Was Well Cored CR, Caliper, CNL, FDC, MLL, DLL CASING RECORD (Report all strings set in well) CASING SIZE MEIGHT LB,/FT, DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED 13 5/8" 54,5% 4181 17 1/2" 425sx Circ, 127sx 8 5/8" 52,5 4454' 12 1/4**-11* 2850sx Circ, 670sx 4 1/2" 10,5% 6705' 7 7/8" 869sx NONE 29. LINER RECORD 30, TUBING RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 23 /8" 4800' 11,Perforation Record (Interval, size and number) 32, ACID, SHOT,FRACTURE,CEMENT SQUEEZE,ETC, 6384'-6396', 12', 2 shots/', 24 holes DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5568'-5675', 7, 2 shots/', 14 holes 5384'-6396' 5000 qals 20% NE acid 5092'-5110', 18', 2 shots/', 16 holes 5092'-5110' 500 qals 15% NE acid 4846'-4854', 8!, 2 shots/', 16 holes 5092'-5110' 500 qals 15% NE acid 4846'-4854' 500 qals 15% NE acid 4846'-4854' Hours Tested Choke Size Prod'in For Oil-Bbl, Gas-MCF Water-Bbl, Gas-Oil Ratio 5-11-B4 8		val(s), c	of this co	mo leti	on-Top,Bo	ttom, Name					1	25.Was	Directional Survey
27, Was Well Cored No No No No No No No N		<u>.</u>			•						1	Made	
### CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED	63841-63961, 566	31-56751	, 50921-51	101, 4	846'-4854	, Paddock	, San	Andres				<u> </u>	No
CASING RECORD (Report all strings set in well) CASING SIZE MEIGHT LB,/FT, DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED 13 5/8" 54.58 4181 17 1/2" 425sx Circ, 127sx 8 5/8" 328 4454 12 1/4"-11" 2850sx Circ, 670sx 4 1/2" 10.58 67051 7 7/8" 869sx NONE 29. LINER RECORD 30, TUBING RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 2 3/8" 48001 31.Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 6384"-6396', 12', 2 shots/', 24 holes DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5668"-5675', 7, 2 shots/', 36 holes 5668"-5675' 500 gals 15% NE acid 4846"-4854", 8', 2 shots/', 36 holes 5668"-5675' 500 gals 15% NE acid 4846"-4854", 8', 2 shots/', 16 holes Production 3-9-84 Pumping 2*X1 1/2**X16' Supplied Sas-MCF Mater-Bbl, Gas-Olf Ratio 3-1-84 Bours Tested Choke Size Prod'n For Olf-Bbl, Gas-MCF Mater-Bbl, Gas-Olf Ratio 3-1-84 Round Pressure Calculated 24- Olf-Bbl, Gas-MCF Water-Bbl, Olf Gravity-API (Corr.) 4.Disposition of Gas (Sold, used for fuel, vented, etc.) Tast Pithessed By Daryl Lowder 55.List of Attachments	26. Type Electric a	nd Other	Logs Run								27.W	s Well (Cored
CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE: CEMENTING RECORD AMOUNT PULLED	GR, Caliper, CNL	, FDC, MI	LL, DLL						<u> </u>		1		No
13 5/8" 54.5% 4181 17 1/2" 425sx Circ, 127sx 8 5/8" 32% 4454' 12 1/4"-11" 2850sx Circ, 670sx 4 1/2" 10.5% 6705' 7 7/8" 869sx NONE	28.			CASIN	IG RECORD	(Report at	1 str	ings se	t in we	(11			
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A 1/2" 10.54 67051 7 7/8" 869sx NONE	13 5/8"		54.54		4181	17	1/2"	1	425sx				irc. 127sx
SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET	8 5/8*		32#		44541	12 1/4	H-11H	<u> </u>			· · · · · · · · · · · · · · · · · · ·	c	Irc. 670sx
SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET	4 1/2"		10.5#		67051	7 7	/8"	<u> </u>	869sx	<u> </u>		N N	ONE
SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET					·	<u> </u>		 		·			
2 3/8" 4800" -	29.								سيسب				
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	SIZE	TOP	BOT	том	SACKS	CEMENT	S	CREEN					PACKER SET
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED									2	3/8"	4800)	
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED							1		<u> </u>			· · · · ·	
5668'-5675', 7, 2 shots/', 14 holes 6384'-6396' 6000 gals 20% NE acid					number)								- · - :: · · ·
5092'-5110', 181, 2 shots/', 36 holes 5688'-5675' 500 gals 15% NE acid 4846'-4854', 81, 2 shots/', 16 holes 5092'-5110' 500 gals 15% NE acid 4846'-4854' 5							-						
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- Hour Rate Trace TSTM 234 - 4.Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Daryl Lowder 5.List of Attachments			Pressure	Calcu	lated 24-						,, c		Ity-API (Corr.)
4.Disposition of Gas (Sold, used for fuel, vented, etc.) TSTM Dary Lowder 5.List of Attachments		, , , , , , , , , , , , , , , , , , ,	·			. ·					-	-	
TSTM Dary! Lowder 5.List of Attachments	34. Disposition of C	as (Sold	l,used for								t Witn	essed B	у
5.List of Attachments					,								·
Logs, Deviation Survey	35.List of Attachme	ents											
	Logs, Deviation S	urvey											

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate accept on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE Southeastern New Mexico Northwestern New Mexico T. Anhy 10,2091 T. Ojo Alamo T. Penn."B" T, Canyon T. Salt . T. Strawn 10.8421 T. Kirtland-Fruitland____ T. Penn. "C" T. Atoka Clastics 10,950' T. Pictured Cliffs T. Penn. "D" B. Salt T. Miss 11,1481 T. Cliff House T. Leadville T. Yates T. 7 Rivers_ T. Devonian T. Menefee T. Madison T. Silurian T. Point Lookout T. Queen T. Elbert T. Montoya T. Grayburg T. McCracken T. Simpson T. San Andres 48121 T. Gallup T. Ignacio Otzte T. M^CKee T. Giorieta 62141 Base Greenhorn T. Granite 63281 T. Ellenburger___ T. Dakota___ T. Paddock_ T. Lovington T. Blinebry T. Gr. Wash T. Morrison T. Penrose Pay T. Tubb T. Granite T. Todilto 75561 T. Premier T. Drinkard 7664 T. Delaware Sand___ T. Entrada T. Lovington T. Abo Shale 82551 T. Bone Springs T. Wingate T. Wolfcamp 8820' T. Chinie___ T. PenniiAii T. Penn. T. Cisco(BoughC) OIL OR GAS SAND OR ZONES No.2, from......to.....to......to........ IMPORTANT WATER SANDS include data on rate of water inflow and elevation to which water rose in hole. No.1, from......feat.....feat..... No.2, from......feet. No.4, from......feet. FORMATION RECORD (Attach additional sheets if necessary) Thickness Thickness From Formation From Formation in Feet in Feet 48121 6214 14021 Dolomite, Sandstone, Anhydrite, Limestone 62 14 1 6328 1144 Dolo, SS 63281 7556 12281 Dolo, Sh. SS 75561 7664 1081 Dolo 76641 82559 5911 Sandstone, Dolomite, 82551 88201 5651 Dolo, Sh, SS Cht 8820. 10209 13891 Sh, SS, Lm 102091 10842 6331 Lm, Cht, Sh, Dolo 108421 10950 1081 Limestone, Sh 109 501 11148 1981 Sh. SS. Lm. Trc cht.

	•			
STATE OF NEW MEXICO			. •	
ENERGY AND MINERALS DEPARTMEN	NT .			Form C-103
NO. OF COPIES RECEIVED	OIL CONSERVATI	ON DIVISION		Revised 10-1-78
DISTRIBUTION	P.O. Box	2088		
SANTA FE	SANTA FE, NEW	MEX ICO 8 7501	5a. Indicate 1	ype of Lease
FILE			State	Fee X
U.S.G.S	1			<u> </u>
LAND OFFICE	<u>I</u>	· · · · · · · · · · · · · · · · · · ·	5. State OII	L Gas Lease No. 🖇
OPERATOR			•	
				-
SUNDRY	NOTICES AND REPORTS ON WELLS		XXXXXXXXXXXXX	CXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
(DO NOT USE THIS FORM FOR PI	ROPOSALS TO DRILL OR TO DEEPE	N OR PLUG BACK TO A DIFFERENT	XXXXXXXXXXXXXXX	KXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
RESERVOIR, USE MAPI	PLICATION FOR PERMIT-" (FORM	C-101) FOR SUCH PROPOSALS.)	XXXXXXXXXXXXX	CXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
I. OIL GAS		<u> </u>	7. Unit Agree	ment Name
WELL WELL	L X OTHER			-
2. Name of Operator			8. Farm or Lea	se Name
Read & Stevens, Inc.			Blackmar	
3. Address of Operator			9. Well No.	-
P.O. Box 1518, Roswell,	NM 88201		1	
4. Location of Well	•		10. Field and	Pool, or Wildcat
	- -			
UNIT LETTER P . 3	30 FEET FROM THE South	LINE AND 660 FEET FROM	Wildcat	
THE East LINE, SECTION	ON 5 TOWNSHIP 17S	RANGE 37E NMPM	**************************************	
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXX 5. Elevation(Show whethe	r DF,RT,GR,etc.)	12. County	XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXX 3789.	6' GL	Lea	XXXXXXXXXXXXXXXXX
Check / NOTICE OF IN		ature of Notice, Report or Oth SUBSEQUENT RE		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERI	NG CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING OPNS.	PLUG A	ND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND CEMENT JOB		
OTHER		OTHER Acidize		X :
mated date of starting any pr		il pertinent details, and give	pertinent date	s, including esti
5-10-84 48461-4	48541, trio in w/okr. acidize	w/ 500gals 15% NE acid, avg p	ress 1900nsl	rato 9-8
	- ·	5min 600psi, 10min 400psi, 15		- ·
	Bis, swbd 70 BBIs fluid, FL @			,
The control of the co	runs, parted sand line, pull	ed tbg, ran tbg, swbd 85 BBIs	total, skim of	oll, no
gas.		•		

APPROVED BY DISTRICT I SUPERVISOR

5-12-84

SIGNED NA

TITLE

TITLE Drilling & Production Manager

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Swbd 78 BBIs FW, trace gas & oil, Si.

ORIGINAL SIGNED BY JERRY SEXTON

MAY 17 1984

REBERT AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION P.O. BOX 2088 SANTA FE SECTIVED DISTRIBUTION SANTA FE STATE FILE U.S.C.S. LAND OFFICE AND OFFICE SUMDRY NOTICES AND REPORTS ON MELLS (IDD NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEFFEN OR PLUG BACK TO A DIFFERENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	STATE OF NEW MEX	100				•		
OLISTRIBUTION P.O. BOX 2088 SANTA FE, NEW MEXICO 87501 Sa. Indicate Type of Lease State State Type of Lease State State Type of Lease State S	ERGY AND MINERALS D	EPARTMENT		•		•	Form C-	103
SANTA FE, NEW MEXICO 87501 So. Indicate Type of Lease State State Fee X 1.3.0.05 S. STATE DII & GAS Lease No PERMITOR SUMDRY NOTICES AND REPORTS ON WELLS COO NOT USE THIS PRORE FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUB BACK TO A DIFFERENT RESPUNDING, USE WAPPLICATION FOR PERMIT— (FORM C-101) FOR SUCH PROPOSALS, 1 ACCORDANCE OF COMMENT OF THE SUMDRY PROPOSALS, 1 THE LEAST LINE, SECTION THE BASE LINE THE BASE	10. OF COPIES RECEIV	ED			•		Revised	10-1-78
STATE FOR X 1,5,0,5 1,5,0,5 SUNDRY NOTICES AND REPORTS ON WELLS COD NOT USE THIS FORM FOR PROPOSALS TO ORILL OR TO DEEPEN OR PLUS BACK TO A DIFFERENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	DISTRIBUTION				•			
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NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUS BACK TO A DIFFERENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	PERATOR					·		1
NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUS BACK TO A DIFFERENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	5	·						
RESERVOIR, USE "APPLICATION FOR PERMIT—" (FORM C-101) FOR SUCH PROPOSALS.) OIL GAS WELL OTHER 7, Unit Agreement Name #ELL OTHER 8, Farm or Lease Name Blackmar 9, Well No. 10, Field and Pool, or Wild UNIT LETTER P. 330 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 175 RANGE 37E NePH ***********************************				-				
WELL X OTHER Wane of Operator Read & Stevens, Inc. Address of Operator P.O. Box 1518, Roswell, NM 88201 UNIT LETTER P. 330 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 175 RANGE 37E NAPH COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCCCCC	•			· ·				
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Address of Operator P.O. Box 1318, Rosvell, NM 88201 UNIT LETTER P. 330 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 175 RANGE 37E NAPPH (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	9.43.74	nc.		•				j
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UNIT LETTER P. 330 FEET FROM THE South LINE AND 660 FEET FROM Wildcat THE East LINE. SECTION 5 TOWNSHIP 175 RANGE 37E NAPH (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	•		201			1		
THE East LINE, SECTION 5 TOWNSHIP 175 RANGE 37E NAPM CXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						10. Field and	Pool, or W	lldcat
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	UNIT LETTER P	. 330	FEET FROM THESou	th LINE AND 660	FEET FROM	Wildcat		
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK TEMPORARILY ABANDON OTHER OTHER OTHER Secribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including ated date of starting any proposed work) SEE RULE 1103. 4-28-84 Set CIBP @ 6300' w/30'cmt, pull tbg, rods, & pump, SD. 4-29-84 Perf 5668'-5675', 2 shots/', spot 1 BBI acid @ .4 BPM, TP 1100psi, avg 550psi, max 600psi, avg rate .4 BPM, ISIP 200psi, 0psi 5min. 57 BBIs, swb 104 BBIs, NS, FL @ 2000'. 4-30-84 FL @ 600', swb 260 BBIs, NS, Res .65 @ 70°F, SG 1.013, Ph 6.9, Ca 1750, mg 1200, C1 6500, SO ₄ 3200, HCO ₃ 390, Fe 40. 5-1-84 Set CIBP @ 5600' w/30 cmt, perf @ 5092'-5110', 2 shots/ft, 18', prep to acidize. 5-2-84 Perf 5092'-5110', 2 shots/', acidize w/500gais 15% NE, avg press 1975psi, max 3200psi, broke @ 3200psi, rate & BPM, ISIP 1000psi, 5min 100psi, 8min 0psi, 35 BLTR, swb 150 BBIs water, NS, water Analysts: Res .52 @ 74°, Ph 6.4, SG 1.015, Ca 1300, Mg 90, C1 7500, SO ₄ 3100, HCO ₃ 1220, Fe 0. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNED Date 1	THE East LINE	. SECTION	5 TOWNSHIP 1	7S RANGE	37E NMPM	************	*****	XXXXXXXX
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDON PILL OR ALTER CASING OTHER OTHER CASING TEST AND CEMENT JOB OTHER Acidize and Perforate Secribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including ated date of starting any proposed work) SEE RULE 1103. 4-28-84 Set CIBP @ 6300' w/30'cmt, pull tbg, rods, & pump, SD. 4-29-84 Perf 5668'-5675', 2 shots/', spot 1 BBI acid @ .4 BPM, TP 1100psi, avg 550psi, max 600psi, avg rate .4 BPM, ISIP 200psi, Opsi 5min. 57 BBIs, swb 104 BBIs, NS, FL @ 2000'. 4-30-84 FL @ 600', swb 260 BBIs, NS, Res .65 @ 70°F, SG 1.013, Ph 6.9, Ca 1750, mg 1200, C1 6500, SO ₄ 3200, HCO ₃ 390, Fe 40. 5-1-84 Set CIBP @ 5600' w/30 cmt, perf @ 5092'-5110', 2 shots/ft, 18', prep to acidize. 5-2-84 Perf 5092'-5110', 2 shots/', acidize w/500gais 15% NE, avg press 1975psi, max 3200psi, broke @ 3200psi, rate & BPM, ISIP 1000psi, 5min 100psi, 8min Opsi, 35 BLTR, swb 150 BBIs water, NS, water Analysts: Res .52 @ 74°, Ph 6.4, SG 1.015, Ca 1300, Mg 90, C1 7500, SO ₄ 3100, HCO ₃ 1220, Fe 0. I hereby certify that the information above is true and complete to the best of my knowledge and belief. TITLE Drilling & Production Manager OATE 5-3-84	(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	. Elevation(Show whe	ther DF,RT,GR,etc.)		12. County	XXXXXXXX	XXXXXXX
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PERFORM MINERALS DEPARTMENT OIL CONSERVATION DIVISION OF COPIES RECEIVED OISTRIBUTION P.O. BOX 2088 SANTA FE, NEW MEXICO 87501 SANTA FE, NEW MEXICO 87501 SO. Indicate Type of Lease State Fee X SANTA FE, NEW MEXICO 87501 SUNDRY MOTICES AND REPORTS ON WELLS SO, S. SO. Indicate Type of Lease State Fee X STATE Fee X SANTA FE, NEW MEXICO 87501 SO. Indicate Type of Lease State Fee X STATE Fee X STATE Fee X STATE Fee X SANTA FE, NEW MEXICO 87501 SO. Indicate Type of Lease State Fee X ST	BIATE OF NEW MEXICO	• *	t e e	
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	SIGNED & June 1	WWW TITLE	Drilling & Production Manag	er DATE 3-27-84
ORIGINAL CICHTER BY JERRY SEXTON				

STATE OF NEW MEXICO NERGY AND MINERALS DEPARTMENT Form C-103 OIL CONSERVATION DIVISION NO. OF COPIES RECEIVED Revised 10-1-78 P.O. Box 2088 DISTRIBUTION 5a. Indicate Type of Lease SANTA FE, NEW MEXICO 87501 SANTA FE State Fee X FILE. U.S.G.S 5. State Oll & Gas Lease No. L'AND OFFICE **OPERATOR** SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE MAPPLICATION FOR PERMIT-M (FORM C-101) FOR SUCH PROPOSALS.) . OIL GAS 7. Unit Agreement Name WELL . Name of Operator 8. Farm or Lease Name Read & Stevens, Inc. Blackmar . Address of Operator 9. Well No. P.O. Box 1518, Roswell, NM 88201 Location of Well 10. Field and Pool, or Wildcat -UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM Wildcat LINE SECTION TOWNSHIP 175 RANGE 37E 5. Elevation (Show whether DF.RT.GR. etc.) 12. County XXXXXXXXXXXXXXXX 3789.61 GL XXXXXXXXXXXXXXX Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE CRITILING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING CASING TEST AND CEMENT JOB OTHER poldut nes suring escribe Proposed or Completed Operations (Clearly state all partiaces defails, and give pertinent dates, including estiated date of starting any proposed work) SEE RULE 110 . 3-7-84 Ran 206jts 2 3/8"-4.7%/ft EUE 6re, 6593.600, ON 1.11, 181 KB, 41 perf sub. 31.51 mud anchor, total 6447.641. Pag 12.1 [: 3717 mods-grade C, 74jts 7/87 rods-used, 1-41 sub, 1-25 sub, a vil new tree of the 1/20v161 RWBC pump. i hereby: certify that the information above is true and complete to the best of my knowledge and belief. TITLE Orilling & Production Manager ORIGINAL SIGNED BY JERRY SEXTON

DATE MAR 9

1984

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

DISTRICT I SUPERVISOR

NERGY AND MINERALS	DEPARTMENT			•		Form C-103
NO. OF COPIES RECE		OIL CONSERVATION	DIVISION			Revised 10-1-
DISTRIBUTION		P.O. Box 2	088	*	4.	
SANTA FE		SANTA FE, NEW ME			5a, Indicate T	ype of Lease
FILE					State	Fee X
U.S.G.S	++	*)—————————————————————————————————————	
LAND OFFICE					5. State Oll &	Gas Lease No.
OPERATOR .		_				1
OF ERATOR					;	
	SUNDRY NOTICES AND	REPORTS ON WELLS			XXXXXXXXXXXXXX	(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
(DO NOT HER THIS F	ORM FOR PROPOSALS TO	*	OR PLUG BACK TO	A DIFFERENT		(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	. USE "APPLICATION FO					(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. OIL	GAS	ry Charles (1010) 0		1101 00712027	7. Unit Agreem	
WELL	WELL X	OTHER	•		i vici ngrees	iotti ivdilio
						-
Name of Operator					8. Farm or Lea	ise Name
Read & Stevens,					Blackmar	
3. Address of Opera					9. Well No.	
P.O. Box 1518, R				<u> </u>	1	
. Location of Well					10. Field and	Pool, or Wildcat
UNIT LETTER P		FROM THE South L	. INE AND 660	FEET FROM .	Midway Stra	nwn .
THE East LI	NE. SECTION 5	TOWNSHIP 17S	RANGE	37E NMPM	I XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	(<u>XXXXXXXXXXXXXX</u>
					XXXXXXXXXXXXXX	(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
× xxxxxxxxx xxxxx	5. Elev	ration(Show whether			12. County	XXXXXXXXXXXXXXX
xxxxxxxxxxxxxxx	KXXXXXXXXXX	3789,61	_GL		Lea	XXXXXXXXXXXX
PERFORM REMEDIAL	DON CHANGE	ND ABANDON	REMEDIAL WORK		ALTERIN	G CASING
PULL OR ALTER CA	SING L	١	CASING TEST AN		الله	
OTHER			OTHER I	Perforate and	acidize	
Describe Present -	r Completed Operation	o (Clanalia atata ali		_ 1		
	ing any proposed work		periment der	aiis, ano give	e perfinent date	es, including es
3-3-84	w/35 ball sealers. BPM, avg 3 BPM. Br	bond log. Perf 5384 Max press 5000ps1, oke # 4100ps1, ISIP gal in, flush off 4	min 3300ps1, a 2800ps1, 5mln	avg 3621psi. N 2600psi, 10mi	fax rate 3.2 BPN in 2500ps1, 15ml	4, min 2.2 in 2400psi.
3-4-84	TP 150psi, tag 160 Cut 20% oll.	00° from the surface	. Swab grand to	otal of 75 BBL	.s. Fluid entry	10001/hr.
5-6-84	Fluid entry 6001/h	nr, 20% OC, SITP 75p	si, FL 2400' fr	nom surface, s	swbd total of 95	5 BW.
I hereby certify t	hat the information a	bove is true and co	omplete to the I	best of my kno	wledge and ball	ef.
SIGNED	w Stell		Drilling & Proc			3-6-84
	-00-	-				
ARRODVED DV	RIGINAL SIGNED BY JE	RRY SEXTON				

		 	-
STATE OF NEW MEXICO		,	
ENERGY AND MINERALS DEPARTMENT			Form C-103
NO. OF COPIES RECEIVED OIL CONSERVATION DIVISION			Revised 10-1-78
DISTRIBUTION P.O. Box 2088	,		
SANTA FE SANTA FE, NEW MEXICO 87501		5a. Indidate T	ype of Lease
FILE		State	Fee X
U.S.G.S	į		
LAND OFFICE		5. State Oll &	Gas Lease No.
OP ERATOR	į		
SUNDRY NOTICES AND REPORTS ON WELLS			
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK RESERVOIR, USE "APPLICATION FOR PERMIT-" (FORM C-101) FOR SUCH	_ :		(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. OIL GAS		7. Unit Agreem	ment Name
WELL X OTHER		,	-
2. Name of Operator		8. Farm or Lea	ase Name
Read & Stevens, Inc.		Blackmar	
3. Address of Operator		9. Well No.	
P.O. Box 1518, Roswell, NM 88201		1	
4. Location of Well		10. Field and	Pool, or Wildcat
UNIT LETTER P . 330 FEET FROM THE South LINE AND 660	FEET_FROM	Midway Stra	nwe
THE East LINE SECTION 5 TOWNSHIP 175 RANGE	37E NMPM	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX)	12. County	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		Lea	XXXXXXXXXXXXXXXXX
Check Appropriate Box To Indicate Nature of Notice NOTICE OF INTENTION TO:	, Report or Oth SUBSEQUENT RE		<u></u>
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WOR	ĸ	ALTEDIA	NG CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE ORI	•		ND ABANDONMENT
	AND CEMENT JOB	X	TO NONTONINCITY
OTHER OTHER	THE CEMENT JOB	المتل	·
VIIII			
Describe Proposed or Completed Operations/Clearly state all portions do	table and also	nortleent dat	or Industry and

mated date of starting any proposed work) SEE RULE 1103.

2-13-84

TD @ 9:30am. @ 11,200 2-12-84.

2-16-84

Run 4 1/2" csg. Set plugs as follows:

10,800'-10,900'

40sx "H"

8,770'- 8,870'

45sx "H"

7,500'~ 7,600'

50sx "H"

6,800! - 6,900!

55sx "H"

PBTD 6705'. Ran 161 jts, 6687.87', 4 1/2"-10.5# J-55 ST&C, LC # 6664.92', Total pipe 6705.871, 18' KB. Cmt w/869sx 50/50 poz Class "C" w/.2% Halad-4, 6# salt. PD @ 10:00am

	rig @ 3:00pm 2/16/84, 15hr WOC.	ested csq for 30 min. lested satisfa	ctorily. Release
2-18-84	3hr WOC. Move rig.		
hereby certif	y that the information above is true an	d complete to the best of my knowled	ge and bellef.
SIGNED_	hu Sollis 111	LE <u>Drilling & Production Manager</u>	DATE 2-22-84
APPROVED BY	ORIGINAL SIGNED BY JERRY-SEXTON DISTRICT I SUPERVISOR	1 F	EEB 27 1984

STATE OF NEW MEXICO	
ENERGY AND MINERALS DEPARTMENT	Form C-103
NO. OF COPIES RECEIVED OIL CONSERVATION DIVISION	Revised 10-1-7
DISTRIBUTION P.O. Box 2088	
SANTA FE SANTA FE, NEW MEXICO 87501	5a. Indicate Type of Lease
FILE	State Fee X
U.S.G.S	E Chata Olt & Cas Lara N
LAND OFFICE	5. State Oll & Gas Lease No.
OPERATOR	· _
SUNDRY NOTICES AND REPORTS ON WELLS	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
RESERVOIR. USE "APPLICATION FOR PERMIT-" (FORM C-101) FOR SUCH PROPOSALS.)	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. OIL GAS	7. Unit Agreement Name
WELL X OTHER	_
2, Name of Operator	8. Farm or Lease Name
Read & Stevens, Inc.	Blackmar
3. Address of Operator	9. Well No.
P.O. Box 1518, Roswell, NM 88201	
4. Location of Well	10. Fleid and Pool, or Wildcat
UNIT LETTER P . 330 FEET FROM THE South LINE AND 660 FEET FROM	Midway Strawn
THE East LINE, SECTION 5 TOWNSHIP 175 RANGE 37E NMPM	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	12. County XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Lea XXXXXXXXXXXXXXXXXX
Check Appropriate Box To Indicate Nature of Notice, Report or Ot	her Data
NOTICE OF INTENTION TO: SUBSEQUENT R	EPORT OF:
	<u> </u>
PERFORM REMEDIAL WORK PLUG AND ARANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING CASING CASING TEST AND CEMENT JOB	——————————————————————————————————————
OTHER DST #2	<u> × </u>
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give	e pertinent dates including esti-
mated date of starting any proposed work) SEE RULE 1103.	a per rinent dates, including esti-
2-10-84 DST #2: 10,806'-10,963', 157'.	
Bottom Chart Top Chart	• • •
Initial Hydrostatic 5366psi 5273psi	
1st Flow 109psi 65psi	•
30 minutes 109psi 44psi	•
1st \$1 152ps1 87ps1	
2nd Flow 109ps1 44ps1	·
30 minutes 109psi 44psi	
2nd \$1 130ps 65ps	
Final Hydrostatic 5366ps) 5273ps)	
Rec'd 30' drig mud, 2400cc mud in sampler. Open w/weak blow, die	d, closed # 10:54am,
jarred thr to pull pkrs loose.	
I hereby certify that the information above is true and complete to the best of my kn	owledge and bellef.
R H-1/2	-
SIGNED Nothing & Production Manage	er DATE 2-22-84
TO THE PARTY OF TH	
ORIGINAL SIGNIED & CONTROL STATE APPROVED BY DISTRICT I SUPERVISOR	EEB 27 1984

STATE OF NEW MEXICO			-		
ENERGY AND MINERALS DEPARTMENT			•	•	Form C-103
NO. OF COPIES RECEIVED	OIL CONSERVATIO	NOISIVID N	•	-	Revised 10-1-7
DISTRIBUTION	P.O. Box	2088			
SANTA FE	SANTA FE, NEW N	4EX100 87501		5a. Indicate T	ype of Lease
FILE			·	State	Fee X
U.S.G.S					
LAND OFFICE				5. State Oll 8	Gas Lease No.
OPERATOR					
					<u>-</u>
SUNDRY NOT	ICES AND REPORTS ON WELLS			XXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
(DO NOT USE THIS FORM FOR PROPO	SALS TO DRILL OR TO DEEPER	N OR PLUG BAC	K TO A DIFFERENT	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
RESERVOIR. USE MAPPLIC	CATION FOR PERMIT-" (FORM	0-101) FOR SU	CH PROPOSALS.)	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
. OIL GAS			,	7. Unit Agree	ment Name
WELL WELL	X OTHER				_
Name of Operator		***		8. Ferm or Le	aca Nama
Read & Stevens, Inc.				Blackmår	JOG (TONE)
. Address of Operator				9. Well No.	
P.O. Box 1518, Roswell, NM	88201			1	
Location of Well				10. Field and	Pool, or Wildcat
UNIT LETTER P . 330	FEET FROM THE South	LINE AND 6	60 FEET FROM	Midway Str	āvn ·
				XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
THE East LINE SECTION	5 TOWNSHIP 17S	RANGE_	37E NMPM	\	\$\$\$\$ \$
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	5. Elevation (Show whether	r DF.RT.GR.et	c.)	12. County	XXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	3789.			Lea	XXXXXXXXXXXXXXXX
Check App	ropriate Box To Indicate N	ature of Noti	ce, Report or Oth	ner Data	
NOTICE OF INTEN		•	SUBSEQUENT RE		· · · · · · · · · · · · · · · · · · ·
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL W	ORK	ALTERU	NG CASING
TEMPORARILY ABANDON	CHANGE PLANS		RILLING OPNS.		ND ABANDONMENT
PULL OR ALTER CASING	Girage 1 Erais		T AND CEMENT JOB	1 200 %	TO REMINISTRA
OTHER	(-1)		R DST #1	L	(X
		OTTL	N. 1551 F.1	·	
escribe Proposed or Completed (nated date of starting any prop		Il pertinent	detalls, and give	pertinent date	es, including esti
2-3-84 DST#1: 10	,302'-10,338'. Open tools	€ 1:18pm. clo	sed @ 3:31. recid	i 300¹ drla mud	
	ps1, mud-2400cc, BHT 152°F				
		tom Chart	Top Chart	,	
Init		4940ps1	49 10ps1		•
1st i		65psi	22psi		
	30 minutes	87psi	44psi		
		3785ps1	3733ps1		
2nd 1		87psi	44psi		
	30 minutes	87ps i	44ps1	٠.,	
		2732ps1	2679psi		g to the state of
.		10.10			

SIGNED Bru Stubby	TITLE Drilling & Production Manager	DAT E 2-4-84
Fadie W. Seay APPROVED BY Oil & Gas Inspector	TITLE	FEB 1 0 1984

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

STATE OF NEW MEXICO Form C-103 ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION NO. OF COPIES RECEIVED Revised 10-1-78 P.O. Box 2088 DISTRIBUTION SANTA FE SANTA FE, NEW MEXICO 87501 5a. Indicate Type of Lease State Fee X FILE U.S.G.S 5. State Oil & Gas Lease No. LAND OFFICE **OPERATOR** SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE MAPPLICATION FOR PERMIT-" (FORM C-101) FOR SUCH PROPOSALS.) I. OIL 7. Unit Agreement Name WELL X OTHER WELL 2. Name of Operator 8. Farm or Lease Name Read & Stevens, inc. Blackmar 3. Address of Operator 9. Well No. P.O. Box 1518, Roswell, NM 88201 4. Location of Well 10. Field and Pool, or Wildcat FEET FROM THE South LINE AND 660 FEET FROM UNIT LETTER P . __330 Midway \$trawn LINE. SECTION TOWNSHIP THE East 175 RANGE 12. County XXXXXXXXXXXXXXXXXX 3789.6' GL XXXXXXXXXXXXXXX Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PLUG AND ABANDON PERFORM REMEDIAL WORK REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING CASING TEST AND CEMENT JOB OTHER OTHER Test BOP, choke & manifold X Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including esti-

mated date of starting any proposed work) SEE RULE 1103.

1-19-84

Test BOP & choke @ 3000pis for 30 minutes. Tested satisfactority. Test manifold @ 5000psl for 30 minutes. Tested satisfactorily.

hereby certify that the information above is	true and complete to the best of my knowledge and belief.	
(2) $\Theta \leftarrow 01$		
SIGNED Brie Stubby	TITLE Drilling & Production Manager DATE 1-13-84	
7000	TITLE Drilling & Production Manager DATE 1-13-84	_

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT | SUPERVISOR

TITLE

DATE JAN 23 1984

CONDITIONS OF APPROVAL, IF ANY:

4 21

NERGY AND MINERALS DEPARTMENT	Form C-103
NO. OF COPIES RECEIVED OIL CONSERVATION DIVISION	RevIse 10÷1÷7
DISTRIBUTION P.O. Box 2088	1/4/24 10-1-7
	5- Indianta Tuna of Lana
SANTA FE SANTA FE, NEW MEXICO 87501	5a. Indicate Type of Lease
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U.S.G.S	
LAND OFFICE	5. State Oll & Gas Lease No.
OPERATOR	
	-
SUNDRY NOTICES AND REPORTS ON WELLS	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	f
RESERVOIR. USE "APPLICATION FOR PERMIT-" (FORM C-101) FOR SUCH PROPOSALS.)	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
OIL GAS	7. Unit Agreement Name
WELL X OTHER	-
Name of Operator	8. Farm or Lease Name
Read & Stevens, Inc.	Blackmar
Address of Operator	9. Well No.
	3. MBI I NO.
P.O. Box 1518, Roswell, NM 88201	
, Location of Well	10. Field and Pool, or Wildcat
	1
UNIT LETTER P . 330 FEET FROM THE South LINE AND 660 FEET FROM	Midway Strawn
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
THE East LINE SECTION 5 TOWNSHIP 178 RANGE 37E NMPM	1 XXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	12. County XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1
	Lea XXXXXXXXXXXXXXXXX
Check Appropriate Box To Indicate Nature of Notice, Report or Ot	
NOTICE OF INTENTION TO: SUBSEQUENT R	EPORT OF:
and the control of th	
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS.	
	PLUG AND ABANDONMENT
PULL OR ALTER CASING CASING CASING TEST AND CEMENT JOB	X PLUG AND ABANDONMENT
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PULL OR ALTER CASING CASING TEST AND CEMENT JOB OTHER OTHER	
OTHER OTHER	
OTHER OTHER OSCI'DE Proposed or Completed Operations (Clearly state all pertinent details, and give	
OTHER OTHER OSCIDE Proposed or Completed Operations (Clearly state all pertinent details, and give	
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OTHER OTHER OTHER OTHER OSCI'DE Proposed or Completed Operations (Clearly state all pertinent details, and give state date of starting any proposed work) SEE RULE 1103. 1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 4454'. 1-12-84 Ran 107 jts, 4436', 8 5/8"-32# & 24#, J-55, set @ 4454', FC @ 44	e pertinent dates, including esti
OTHER	e pertinent dates, including esti
OTHER OTHER OTHER OTHER OTHER Describe Proposed or Completed Operations (Clearly state all pertinent details, and give ated date of starting any proposed work) SEE RULE 1103. 1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 44541. 1-12-84 Ran 107 jts, 44361, 8 5/8"-32# & 24#, J-55, set @ 44541, FC @ 44 Texas Pattern Shoe 1jt 32# 43.091	e pertinent dates, including esti
OTHER OTHER OTHER OTHER Describe Proposed or Completed Operations (Clearly state all pertinent details, and give attended date of starting any proposed work) SEE RULE 1103. 1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 4454'. 1-12-84 Ran 107 jts, 4436', 8 5/8"-32# & 24#, J-55, set @ 4454', FC @ 44 Texas Pattern Shoe 1jt 32# 43.09' FC	e pertinent dates, including esti
OTHER	e pertinent dates, including esti
OTHER OTHER OTHER OTHER OTHER OSCI'DE Proposed or Completed Operations (Clearly state all pertinent details, and give attended attended attended to starting any proposed work) SEE RULE 1103. 1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 4454'. 1-12-84 Ran 107 jts, 4436', 8 5/8"-32# & 24#, J-55, set @ 4454', FC @ 44 Texas Pattern Shoe 1jt 32# 43.09' FC	e pertinent dates, including esti
OTHER OT	e pertinent dates, including esti
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OTHER OT	e pertinent dates, including esti
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OTHER OTHER OSCI'DE Proposed or Completed Operations (Clearly state all pertinent details, and give sted date of starting any proposed work) SEE RULE 1103. 1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 4454'. 1-12-84 Ran 107 jts, 4436', 8 5/8"-32# & 24#, J-55, set @ 4454', FC @ 44 Texas Pattern Shoe 1 jt 32# 43.09' FC 51 jts 32# 2163.50' 52 jts 24# 2122.91' 3 jts 32# 106.50' KB 18.00' 4454.00' Cmt w/2650sx HLC, 15# sait, 5# Gilsonite, 1/4 flocele, tail-in w CaCl, circ 670sx. PD @ 3:45am 1-11-84, plug bumped @ 2000psi, f	e pertinent dates, including esti 10.911. /200sx Class "C", 2% loat held. 14 1/4hrs WOC.
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OTHER OTHER DESCRIBE Proposed or Completed Operations (Clearly state all pertinent details, and given ated date of starting any proposed work) SEE RULE 1103. 1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 4454'. 1-12-84 Ran 107 jts, 4436', 8 5/8"-32# & 24#, J-55, set @ 4454', FC @ 44 Texas Pattern Shoe 1jt 32# 43.09' FC 51jts 32# 2163.50' 52jts 24# 2122.91' 3jts 32# 106.50' KB 18.00' 4454.00' Cmt w/2650sx HLC, 15# sait, 5# Gilsonite, 1/4 flocele, tail-in w. CaCl, circ 670sx. PD @ 3:45am 1-11-84, plug bumped @ 2000psi, f	e pertinent dates, including esti 10.911. /200sx Class "C", 2% loat held. 14 1/4hrs WOC. rlly. 3 3/4hrs PU DC & GIH(WOC).
OTHER escribe Proposed or Completed Operations (Clearly state all pertinent details, and give ated date of starting any proposed work) SEE RULE 1103. 1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 4454'. 1-12-84 Ran 107 jts, 4436', 8 5/8"-32# & 24#, J-55, set @ 4454', FC @ 44 Texas Pattern Shoe 1jt 32# 43.09' FC 51jts 32# 2163.50' 52jts 24# 2122.91' 3jts 32# 106.50' KB 18.00' 4454.00' Cmt w/2650sx HLC, 15# sait, 5# Gilsonite, 1/4 flocele, tail-in w. CaCl, circ 670sx. PD @ 3:45am 1-11-84, plug bumped @ 2000psi, f	e pertinent dates, including esti 10.911. /200sx Class "C", 2% loat held. 14 1/4hrs WOC. rlly. 3 3/4hrs PU DC & GIH(WOC).
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STATE OF NEW MEXIC		OIL CONSERVATION DIVISI	ON	30-625-2 Form C-101	28453
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PROVED BY	TI	TLE		DATE OCT	9 T 1203
VOITIONS OF APPROVAL	IF ANY.				

APPROVAL VALID FOR MED DAYS
PERMIT EXPIRES DAYS
UNLESS DRILLING UNDERWAY

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Well No. Legae READ & STEVENS BLACKMAR Township Unit Letter Hange County 17 South 37 East Lea Actual Footage Location of Well: 330 South 660 East feet from the line and Ground Level Filev. Producing Formation Pool Dedicated Acreage: Strawn 3789.6 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation _ Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information cond herein is true and camplete to the Karla LeJeune Position Authorized Agent Read & Stevens, Inc September 26, 1983 I hereby certify that the well location shown on this plat was platted from field nates of actual surveys made by me or under my supervision, and that the same knowledge and belief. Date Surveyed <u> 10/5/83</u> Registered Professional Eng - 660'

1500

1000

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WRS COMPLETION REPORT SSUES SEC 5 TWP 17S 30-T-0017 09/29/86 30-025-28453-0000 17S RGE * 330FSL 660FEL SEC NMEX LEA * 3301 READ & STEVENS INC WELL CLASS INT SAFEN SAME OF **BLACKMAR** WELL NO LEASE NAME 3807KB 3790GR API 30-025-28453-0000 01/02/1984 05/16/1984 ROTARY SPUD DATE COMP. DATE COMP. TYPE TOOL 11000 STRAWN SIERRA DRLG 3
PROJ. DEPTH PROJ. FORM CONTRACTOR RIG SUB 17 FM/TD MSSP DTD 11200 LOCATION DESCRIPTION 5 MI NW HUMBLE CITY, NM CASING/LINER DATA CSG 13 3/8 @ 418 W/ 425 SACKS CSG 8 5/8 @ 4454 W/ 2850 SACKS CSG 4 1/2 @ 6705 W/ 869 SACKS 01 02 05 TYPE FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB -1005 -2407 -2521 SN ANDRS GLORIETA 4812 LOG LOG 6214 6328 7556 PADDOCK LOG LOG TUBB 7664 8255 8820 DRINKARD LOG LOG ABO ABO WOLFCAMP LOG 10209 10842 11148 CANYON LOG STRAWN MSSP LOG FORMATION TEST DATA 10302-10338 CANYON
FT MUD 2400.0 CC MUI
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Copyrighted

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READ & STEVENS INC
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                    READ & STEVENS INC
BOX 1518
ROSWELL, NM 88201
LOC/1983/
DRLG 1240
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-1/04
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CONTINUED

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REISSUES
P1# 30-T-0017 09/29/86 30-025-28453-0000 PAGE 3

READ & STEVENS INC
DRILLING PROGRESS DETAILS

O1/10 DRLG 4270
O1/16 DRLG 6471
O1/17 DRLG 6975
O1/24 DRLG 9076
O1/31 DRLG 10212
O2/06 DRLG 10664
O2/15 11200 TD, PB 6705, RNG CSG
O2/22 11200 TD, PB 6705, WOCT
O3/06 11200 TD, PB 6705, WOCT
O3/06 11200 TD, PB 6705, WOCT
O4/24 11200 TD, PB 6705, WOCT
O4/24 11200 TD, PB 6705, SI
O5/22 09/25 LOCAL CALL: ATOKA CLASTICS 10950
BHT 161 F @ 11195
RIG REL 02/15/84
O6/16 11200 TD
COMP 5/16/84, D&A
NO CORES, TWO DSTS RPTD
O9/25 REISSUED TO CORRECT DST & ADD DST
REPLACEMENT FOR CT ISSUED 6/16/84
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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 8696 Order No. R-8062

APPLICATION OF PENNZOIL COMPANY FOR POOL CREATION, SPECIAL POOL RULES, ASSIGNMENT OF DISCOVERY ALLOWABLE, LEA COUNTY, NEW MEXICO

See Also Order No. R-8062-A

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on September 11, 1985, at Santa Fe, New Mexico, before Examiner Gilbert P. Quintana.

NOW, on this <u>31st</u> day of October, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Pennzoil Company, seeks the creation of a new oil pool for Strawn production in Lea County, New Mexico and the assignment of a discovery allowable to said pool.
- (3) The applicant further seeks the establishment of temporary pool rules, including a provision for 80-acre well spacing and proration units for the proposed pool.
- (4) The evidence presently available indicates that applicant's Viersen Well No. 1, located in Unit I, Section 4, Township 17 South, Range 37 East, Lea County, New Mexico, has discovered a separate common source of supply which should be designated the Shipp-Strawn Pool.
- (5) The vertical limits of the proposed pool should be the Strawn formation as found on the porosity log of the

discovery well, the Vierson Well No. 1, from 11,138 feet to 11,255 feet.

(6) The horizontal limits for the proposed Shipp-Strawn Pool should be as follows:

LEA COUNTY, NEW MEXICO

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 33: SE/4 and E/2 SW/4

Section 34: S/2

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 3: All

Section 4: E/2 and E/2 W/2 Section 9: NE/4 and E/2 NW/4

Section 10: N/2

- (7) The above described area is adequate to cover the potential expansion of the subject pool and is designed to avoid overlaps and conflicts with other Strawn Pools in the immediate vicinity.
- (8) The rules for this pool should be limited to the area described in Finding (6) above and should not apply to wells drilled within a mile of the outer boundary of this pool.
- (9) The evidence presented has established that the discovery well has permeability in the range of 43 millidarcies and calculations utilizing this data show the well has the possible capability to drain an area of 80 acres.
- (10) The discovery well for the said pool, Viersen Well No. 1, located in Unit I of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico is entitled to and should receive a bonus discovery oil allowable in the amount of 55,690 barrels, based upon the top of the perforation in said well at 11,138 feet, to be assigned over a two-year period (77 barrels of oil per day).
- (11) In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special pool rules and

regulations providing for 80-acre spacing units should be promulgated for the Shipp-Strawn Pool.

- (12) The temporary special rules and regulations should provide for specified well locations in order to assure orderly development of the pool and protect correlative rights.
- (13) The temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish conclusively whether the area can be efficiently and economically drained and developed by one well on 80-acre spacing on a permanent basis.
- (14) This case should be reopened by the Division at an examiner hearing in November, 1986, at which time the operators in the subject pool should be prepared to appear and show cause why the Shipp-Strawn Pool should not be developed on other than 40-acre spacing units.

IT IS THEREFORE ORDERED THAT:

(1) A new pool in Lea County, New Mexico is hereby created and designated as the Shipp-Strawn Pool with vertical limits being the Strawn formation as found in the porosity log of the Vierson Well No. 1 from 11,138 feet to 11,255 feet and with horizontal limits described as follows:

LEA COUNTY, NEW MEXICO

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 33: SE/4 and E/2 SW/4

Section 34: S/2

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 3: All

Section 4: E/2 and E/2 W/2

Section 9: NE/4 and E/2 NW/4

Section 10: N/2

(2) The Pennzoil Company Viersen Well No. 1 located in Unit I, Section 4, Township 17 South, Range 37 East, Lea County, New Mexico, is hereby authorized an oil discovery allowable of 55,690 barrels to be assigned to said well at the rate of 77 barrels per day in accordance with Rule 509 of the Division Rules and Regulations.

(3) Temporary Special Rules and Regulations for the Shipp-Strawn Pool, Lea County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE SHIPP-STRAWN POOL

- RULE 1. Each well completed or recompleted in the Shipp-Strawn Pool or in the Strawn formation within said pool limits, shall be spaced, drilled, operated and produced in accordance with the Special Rules and Regulations hereinafter set forth.
- RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section.
- RULE 3. The Division Director may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit and the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys, or the following facts exist and the following provisions are complied with:
 - (a) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.
 - (b) The non-standard proration unit lies wholly within a single governmental quarter section.
 - (c) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the quarter section or in which the non-standard unit is situated and which acreage is not included in said non-standard unit.
 - (d) In lieu of paragraph (c) of this rule, the applicant may furnish proof of the fact that all of the aforesaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Director has received the application.

- RULE 4. Each well shall be located no closer than 330 feet to the outer boundary of its spacing unit and not closer than 990 feet to any other well capable of producing from the Strawn formation.
- RULE 5. The Division Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall certify that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location of if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.
- RULE 6. An 80-acre proration unit (79 through 81 acres) in the Shipp-Strawn Pool shall be assigned an 80-acre depth bracket allowable of 445 barrels per day and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

RULE 7. The limiting gas-oil ratio for the pool shall be 2,000 cubic feet of gas for each barrel of oil produced.

IT IS FURTHER ORDERED THAT:

- (4) The locations of all wells presently drilling to or completed in the Shipp-Strawn Pool are hereby approved.
- (5) Pursuant to Paragraph A. Section 70-2-18, NMSA, 1978, contained in Chapter 271, Laws of 1969, existing wells in the Shipp-Strawn Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.
- (6) Failure to file new Forms C-102 with the Division dedicating 80 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable.

Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Shipp-Strawn Pool shall receive no more than one-half of a standard allowable for the pool.

- (7) This case shall be reopened by the Division at an examiner hearing in November, 1986, at which time the operators in the subject pool may appear and show cause why the Shipp-Strawn Pool should not be developed on other than 40-acre spacing units.
- (8) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
CIL CONSERVATION DIVISION

R. L. STAMETS,

Director

SEAL

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 8790 Order No. R-8062-A

APPLICATION OF THE OIL CONSERVATION DIVISION ON ITS OWN MOTION TO AMEND DIVISION ORDER NO. R-8062 AND TO CONTRACT THE HORIZONTAL LIMITS OF THE EAST LOVINGTON-PENNSYLVANIAN POOL, LEA COUNTY, NEW MEXICO.

See Also Onder No. 2-8062

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on December 18, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this <u>21st</u> day of January, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) Division Order No. R-8062 issued on October 31, 1985, in Case No. 8696 classified, created and designated the Shipp-Strawn Pool, promulgated temporary special rules and regulations therefor, and assigned an oil discovery allowable to the Pennzoil Company Viersen Well No. 1, located 2130 feet from the South line and 660 feet from the East line (Unit I) of Section 4, Township 17 South, Range 37 East, NMPM, all in Lea County, New Mexico.
- (3) In the present case, the New Mexico Oil Conservation Division (Division) on its own motion seeks the following amendments to Division Order No. R-8062:
 - (a) correction of the oil discovery allowable assigned to Pennzoil Company Viersen Well No. 1;

- (b) amendment of the horizontal limits of the pool;
- (c) revision of the well location provisions of the Special Pool Rules to require well locations to be no further than 150 feet from the center of a governmental quarter-quarter section or lot; and
- (d) deletion of the limitation imposed on the pool restricting the applicability of the Special Pool Rules to the area within the pool boundaries.
- (4) The Division further seeks to contract the horizontal limits of the East Lovington-Pennsylvanian Pool by the deletion therefrom of the NW/4 NW/4 of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico.
 - (5) The evidence presented in this case indicated that:
 - (a) The NW/4 NW/4 of said Section 4 is more properly classified as being in the Shipp-Strawn Pool than the East Lovington-Pennsylvanian Pool:
 - (b) there is insufficient evidence at this time to include more than the N/2 and SE/4 of said Section 4 within the boundaries of said Shipp-Strawn Pool;
 - (c) the special rules for the Shipp-Strawn Pool should not be limited to that area only within the boundaries of said pool but should apply also within one mile thereof; and,
 - (d) rules requiring well locations within 150 feet of the center of the quarter-quarter section would better serve to protect the correlative rights of the owners within said pool.
- (6) The evidence presented at this hearing also demonstrated that the discovery allowable assigned to the Pennzoil Company Viersen Well No. 1, located 2130 feet from the South line and 660 feet from the East line of said Section 4, was improperly calculated and should be reduced to 55,595 barrels of oil total.
- (7) An order entered amending said discovery allowable, revising said pool boundaries as described above, and incorporating the above described changes in special pool rules





will better protect correlative rights and will not result in waste.

(8) The effective date of this order should be January 21, 1986.

IT IS THEREFORE ORDERED THAT:

- (1) The East Lovington-Pennsylvanian Pool as heretofore defined and described is hereby contracted by the deletion therefrom of the NW/4 NW/4 of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico.
- (2) The horizontal limits of the Shipp-Strawn Pool, as heretofore defined and described in Lea County, New Mexico, are hereby amended to include therein the following described area only:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM Section 4: N/2 and SE/4

(3) The temporary Special Rules and Regulations for the Shipp-Strawn Pool are hereby amended to read in their entirety as follows:

"SPECIAL RULES AND REGULATIONS FOR THE SHIPP-STRAWN POOL

- RULE 1. Each well completed or recompleted in the Shipp-Strawn Pool or in the Strawn formation within one mile of the Shipp-Strawn Pool, and not nearer to or within the limits of another designated Strawn pool shall be spaced, drilled, operated, and prorated in accordance with the Special Rules and Regulations hereinafter set forth.
- RULE 2. Each well completed or recompleted in the Shipp-Strawn Pool shall be located on a unit containing 80 acres, more or less, which consists of the N/2, S/2, E/2, or W/2 of a single governmental quarter section; provided, however, nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.
- RULE 3. For good cause shown, the Director may grant an exception to the requirements of Rule 2 without notice and hearing when the application is for a non-standard unit comprising a single quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be

notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application if, after a period of 30 days, no offset operator has entered an objection to the formation of such non-standard unit.

The allowable assigned to any such non-standard unit shall bear the same ratio to a standard allowable in the Shipp-Strawn Pool as the acreage in such non-standard unit bears to 80 acres.

- RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.
- RULE 5. The Division Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proration unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all operators offsetting the proration unit or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.
- RULE 6. Top unit allowable for a standard proration unit (79 through 81 acres) shall be based on a depth bracket allowable of 445 barrels per day, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres."

IT IS FURTHER ORDERED THAT:

- (4) The location of any well permitted, in drilling to, or completed in the Strawn formation within the boundaries of the Shipp-Strawn Pool prior to January 21, 1986, which location was orthodox under pool rules existing prior to that time and which location is now unorthodox, is hereby approved.
- (5) The locations of any other wells presently permitted in, drilling to, or completed in the currently defined Shipp-Strawn Pool or in the Strawn formation within one mile

thereof are hereby approved; the operator of any well having an unorthodox location shall notify the Hobbs District office of the Division in writing of the name and location of the well on or before April 1, 1986.

- (6) The amount of the discovery allowable assigned to the Pennzoil Company Viersen Well No. 1 located 2130 feet from the South line and 660 feet from the East line of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico, as set out in Division Order No. R-8062 is hereby amended to a total of 55,595 barrels of oil to be produced at a rate not to exceed 76 barrels per day in accordance with Division General Rule 509.
- (7) The effective date of this order and of the pool and pool rule changes included herein shall be January 21, 1986.
- (8) Pursuant to Paragraph A. of Section 70-2-18, NMSA (1978), existing wells in the Shipp-Strawn Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

Failure to file new Forms C-102 with the division dedicating 80 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Shipp-Strawn Pool or in the Strawn formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

- (9) This case shall be reopened at an examiner hearing in November, 1986, at which time the operators in the subject pool may appear and show cause why the Shipp-Strawn Pool should not be developed on 40-acre proration units.
- (10) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

R. L. STAMETS
Director

SEAL

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

IN THE MATTER OF CASE NOS. 8696 AND 8790 BEING REOPENED PURSUANT TO THE PROVISIONS OF ORDER NOS. R-8062 AND R-8062-A, RESPECTIVELY, WHICH PROMULGATED AND AMENDED TEMPORARY SPECIAL RULES AND REGULATIONS FOR THE SHIPP-STRAWN POOL, LEA COUNTY, NEW MEXICO.

CASE NOS. 8696 and 8790 Order No. R-8062-B

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on November 19, 1986, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 18th day of December, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) Division Case Nos. 8696 and 8790 were consolidated at the time of the hearing for the purpose of testimony.
- (3) By Order No. R-8062 dated October 31, 1985, and issued in Case No. 8696, the Division created, defined, and promulgated temporary special rules and regulations for the Shipp-Strawn Pool, Lea County, New Mexico, including a provision for 80-acre spacing and proration units.
- (4) Subsequent to the issuance of said order, the Division, on its own motion, called Case No. 8790 and issued Order No. R-8062-A which amended certain portions of the special rules and regulations promulgated by Order No. R-8062, including well location requirements, horizontal limits, and the area to be governed by said rules.

- (5) Pursuant to the provisions of Order Nos. R-8062 and R-8062-A, both cases were reopened to allow the operators in the subject pool to appear and show cause why the Shipp-Strawn Pool should not be developed on 40-acre spacing and provation units.
- (6) Inasmuch as the subject matter in both cases is the same, that being the consideration of adopting permanent special rules and regulations for the Shipp-Strawn Pool, one order should be issued for both cases.
- (7) The evidence presented at the hearing establishes that one well in the Shipp-Strawn Pool can efficiently and economically drain and develop 80 acres.
- (8) The special rules and regulations promulgated by Order No. R-8062 as amended by Order No. R-8062-A have afforded and will afford to the owner of each property in the pool the opportunity to produce his just and equitable share of the oil in the pool.
- (9) In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, the special rules and regulations promulgated by Order No. R-8062 as amended by Order No. R-8062-A should be continued in full force and effect until further order of the Division.

IT IS THEREFORE ORDERED THAT:

- (1) The special rules and regulations governing the Shipp-Strawn Pool, Lea County, New Mexico, promulgated by Order No. R-8062 as amended by Order No. R-8062-A, are hereby continued in full force and effect until further order of the Division.
- (2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

R. L. STAMETS

Director