UNI D STATES

GEOLOGICAL SURVEY

N. M. O. C. C. COPY SUBMIT IN DUPLICA (Seeo DEPARTMENT OF THE INTERIOR

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC 029548 (a)

WFII (A									6 TH INDIAN	ATTOT	
******	MPLETION	OR RECO	MPLETIC	ON R	EPORT	AND	LO	G*	O. IF INDIAN,	ALLUI	TEE OR TRIBE NAME
a. TYPE OF WEL	LL: OIL WELL	X GAS WELL	DR	y 🗌 (Other	-			7. UNIT AGRE	EMENT	NAME
b. TYPE OF COM	PLETION:				REI	SE	TVI	E D			
WELL X	OVER DEEP-	PLUG BACK	DIFF.	R. 🗌 (Other	,			S. FARM OR	LEASE !	NAME
2. NAME OF OPERAT	TOR				FE	R	3 1975		С. А.	Russ	sell
	Richfield Co	ompany /			, L	<i>5</i> (0 13/1	ا	9. WELL NO.		,
3. ADDRESS OF OPE	BATOR				_	, m	_			11	
P. O. Box	1710, Hobbs	s, New Mex	cico 88	240]. C.			10. FIELD AN	D POOL,	OR WILDCAT
	LL (Report location 50' FWL & 100					entente	yer r stat	•			ckson OGSA
	terval reported belo		as abov		C)				OR AREA	к., м., о	R BLOCK AND SCRVEY
At total depth	same as at	surface							18-17	S-31	Е
	Bame as at ,	Builace	14. PER	MIT NO.	· · · · · · · · · · · · · · · · · · ·	DATE IS	SSUED		12. COUNTY O)R	13. STATE
					i	*			PARISH	-	
DATE SPUDDED	16. DATE T.D. REA	ACHED 17. DAT	E COMPL. ()	Ready to	prod.) 10	Pt.Pv.	TIONS (P	E BED Sa	Eddy	19. E	N.M. LEV. CASINGHEAD
9/1/74	9/25/74	†	1/18/7	•	10	. PUBIA			, sa, elt.j		
TOTAL DEPTH, MD		BACK T.D., MD &	TVD 22.	IF MULT	TIPLE COMPL.,	1	23. INTE		ROTARY TOO	LS	CABLE TOOLS
3555 ¹	į.	35181		HOW MA	NY*			LED BY	0-3555		
	BVAL(S), OF THIS C		P, BOTTOM, P	NAME (M)	D AND TVD)*	'		-> !'	v-0000	25.	WAS DIRECTIONAL
											SURVEY MADE
3402-3511	' Queen Gr	ayburg Sar	n Andre	s							No
TYPE ELECTRIC A	AND OTHER LOGS RU	UN		•		-			1	27. WA	S WELL CORED
Dual Late	rolog, Cemer	nt Bond Lo	og, Col	lar L	ocator 1	Log			1		Yes
					rt all strings		well)		<u>-</u>		
CASING SIZE	WEIGHT, LB./F7	T. DEPTH SE	T (MD)		E SIZE	·	CEM	ENTING R		<u> </u>	AMOUNT PULLED
9-5/8"	32.6 & 36	# 513.	.29'	12:	1 '' 4	250	sx &	10 VE	s Nedi-m	ix	
11	1004	2552	,	8	3/4"	850	SX				
7"	23#	3553			3/4	000	52				
7	23#	3553			3/4			1000	9 1975		
				0-,	3/4			JAN ?	9 1975	ĒΥ	
	L	INER RECORD					20		THIS LANGE	EY PD	
SIZE	L				SCREEN (M		20		THIS LANGE	EY DD	PACKER SET (MD)
	L	INER RECORD					20		9 1975 (BOAL ASH) (BOAL ASH) (BOAL ASH) (BOAL ASH)	EY	PACKER SET (MD)
SIZE	TOP (MD)	INER RECORD			SCREEN (M	D)	30. sup 2-7/	CEOLT CALESTA	HOM PER STATE OF THE STATE OF T		
SIZE PERFORATION REC	TOP (MD)	INER RECORD BOTTOM (MD) c and number)	SACES CEN		SCREEN (M	ACII	30. s ы , s 2-7/с	GEOLT RTESIA"	HENDER SALES	SQUE	EZE, ETC.
PERFORATION REC	TOP (MD) CORD (Interval, size 96, 3504,	INER RECORD BOTTOM (MD) c and number)	SACES CEN		SCREEN (M	ACII	30. s ы , s 2-7/с	FRACTU	THOM AND SHAPE OF THE SHAPE OF	SQUE	EZE, ETC.
FERFORATION REC 3491, 93, .41" = 7	TOP (MD) CORD (Interval, size 96, 3504, holes.	INER RECORD BOTTOM (MD) and number) 07,09, 11	SACKS CER		\$2. DEPTH INT 3487-35	ACII	30. s ы , s 2-7/с	FRACTU	3463' TRE, CEMENT UNT AND KING	SQUE O OF M	EZE, ETC. ATERIAL USED - LSTNE
FERFORATION REC 3491, 93, .41" = 7	TOF (MD) CORD (Interval, size 96, 3504, 61es. 26, 29, 66	INER RECORD BOTTOM (MD) and number) 07,09, 11	SACKS CER		\$2. DEPTH IN 3487-35 3487-35	ACII	30. s ы , s 2-7/с	FRACTU	3463' TRE, CEMENT UNT AND KING gals 15% queezed	HCL	EZE, ETC. ATERIAL USED -LSTNE 0 sx.
PERFORATION REC 3491, 93, .41" = 7	TOF (MD) CORD (Interval, size 96, 3504, 61es. 26, 29, 66	INER RECORD BOTTOM (MD) and number) 07,09, 11	SACKS CER		\$2. DEPTH INT 3487-35	ACII	30. s ы , s 2-7/с	FRACTU AMO Cmt so	THE CEMENT OF THE CEMENT AND KING gals 15% queezed gals 15%	HCL W/15	EZE, ETC. ATERIAL USED -LSTNE 0 sx. -LSTNE & 2000
PERFORATION REC 3491, 93, .41" = 7 .3402, 04, .41" = 7	TOF (MD) CORD (Interval, size 96, 3504, 61es. 26, 29, 66	INER RECORD BOTTOM (MD) and number) 07,09, 11	SACKS CER	MENT*	\$2. DEPTH IN 3487-35 3487-35	ACII	30. s ы , s 2-7/с	FRACTU AMO Cmt so	THE CEMENT OF THE CEMENT AND KING gals 15% queezed gals 15%	HCL W/15	EZE, ETC. ATERIAL USED -LSTNE 0 sx.
PERFORATION REC 3491, 93, .41" = 7 .3402, 04, .41" = 7	CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes	INER RECORD BOTTOM (MD) and number) 07,09, 11	SACKS CEN	MENT*	\$2. DEPTH INT 3487-35 3487-35 3402-34	ACII SERVAL 527' 527'	30. sup 2-7/2 2, SHOT. (MD)	FRACTU AMO 2000 Cmt s 1000 20/40	THE CEMENT OF THE CEMENT AND KING GALS 15% and 4 well well well well well well well we	HCL W/150 HCL 000	EZE, ETC. ATERIAL USED -LSTNE 0 sx. -LSTNE & 2000
PERFORATION REC 3491, 93, .41" = 7 .3402, 04, .41" = 7	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes	INER RECORD BOTTOM (MD) and number) 07,09, 11 , 69 & 347	SACKS CEN	MENT*	\$2. DEPTH INT 3487-35 3487-35 3402-34	ACII SERVAL 527' 527'	30. sup 2-7/2 2, SHOT. (MD)	FRACTU AMO 2000 Cmt s 1000 20/40	THE CEMENT OF THE CEMENT AND KING GALS 15% and 4 well well well well well well well we	HCL W/15 HCL 000	EZE, ETC. ATERIAL USED -LSTNE 0 sx. -LSTNE & 2000 gal slick brit
FERFORATION REC 3491, 93, .41" = 7 .3402, 04, .41" = 7	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes	INER RECORD BOTTOM (MD) e and number) 07,09, 11 , 69 & 347	SACKS CER	PROD s lift, put	\$2. DEPTH INT 3487-35 3487-35 3402-34	ACII SERVAL 527' 527'	30. sup 2-7/2 2, SHOT. (MD)	FRACTU 2000 Cmt sc 1000 20/40	THE CEMENT OF THE CEMENT AND KING GALS 15% and 4 well well well well well well well we	HCL W/15 HCL 000	EZE, ETC. ATERIAL USED -LSTNE 0 sx. -LSTNE & 2000 gal slick brit
FERFORATION REC 3491, 93, .41" = 7 .3402, 04, .41" = 7	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes	INER RECORD BOTTOM (MD) e and number) 07,09, 11 , 69 & 347	SACKS CER	PROD s lift, put	\$2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size	ACII SERVAL 527' 527'	30. sup S 2-7/ D, SHOT, (MD) De of pur	FRACTU 2000 Cmt sc 1000 20/40	THE CEMENT OF THE CEMENT AND KING GALS 15% and 4 WELL Shull	HCL W/15 HCL 000	EZE, ETC. ATERIAL USED -LSTNE 0 sx. -LSTNE & 2000. gal slick brit (Producing or roducing
FERFORATION REC 3491, 93, .41" = 7 .3402, 04, .41" = 7 FIRST PRODUCT 1/18/75 FOR TEST 1/24/75	TOP (MD) CORD (Interval, size 96, 3504, 66) holes. 26, 29, 66 holes TION PRODUCT PORT TESTED	INER RECORD BOTTOM (MD) e and number) 07,09, 11 , 69 & 347 CTION METHOD (I	Flowing, gate PROD'N, TEST P	PROD s lift, put	\$2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size	ACII FERVAL 527 1 527 1 627 1 627 1	30. Sup S 2-7/ D, SHOT, (MD) De of pum GAS—MC	FRACTU 2000 Cmt sc 1000 20/40	THE CEMENT OF THE CEMENT AND KING GALS 15% GALS 15% Sd in 4	HCL W/15 HCL 000	EZE, ETC. ATERIAL USED -LSTNE 0 sx. -LSTNE & 2000. gal slick brit (Producing or roducing GAS-OIL RATIO
PERFORATION REC 3491, 93, .41" = 7 3402, 04, .41" = 7 E FIRST PRODUCT 1/18/75 E OF TEST 1/24/75 V. TUBING PRESS.	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes CORD PRODUCT PORT PRODUCT	INER RECORD BOTTOM (MD) and number) 07,09, 11 , 69 & 347 TION METHOD (Interpretation of the content of the	Flowing, gain PROD'N. TEST P	PROD s lift, put	\$2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size OIL—BBL. 20	ACII FERVAL 527 1 527 1 627 1 627 1	30. Sup S 2-7/ D, SHOT, (MD) De of pum GAS—MC	FRACTU AMO 2000 Cmt s 1000 20/40	THE CEMENT OF THE CEMENT AND KING GALS 15% GALS 15% Sd in 4	HCL W/15 HCL 000	EZE, ETC. ATERIAL USED -LSTNE 0 sx. -LSTNE & 2000. gal slick brid (Producing or roducing GAS-OIL RATIO 300:1
## FIRST PRODUCT 1/18/75 ## OF TEST 1/24/75 ## DISPOSITION OF G	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes CON PRODUCT PORTS TESTED 24	INER RECORD BOTTOM (MD) and number) 07,09, 11 , 69 & 347 TION METHOD (Interpretation of the content of the	Flowing, gain PROD'N. TEST P	PROD s lift, put	SCREEN (MI S2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size OIL—BBL. 20 GAS—	ACII FERVAL 527 1 527 1 627 1 627 1	30. Sup S 2-7/ D, SHOT, (MD) De of pum GAS—MC	FRACTU AMO 2000 Cmt s 1000 20/40	THE CEMENT OF THE CEMENT AND KING GALS 15% GALS 15% Sd in 4	HCL W/150 HCL OOO	EZE, ETC. ATERIAL USED LSTNE O sx. LSTNE & 2000 gal slick brid (Producing or roducing BAS-OIL RATIO 300:1 AVITY-API (CORR.) 37.5
## SIZE PERFORATION REC 3491, 93, .41" = 7 3402, 04, .41" = 7 1/18/75 E OF TEST 1/24/75 W. TUBING PRESS. DISPOSITION OF G Sold	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes HOURS TESTED 24 CASING PRESSURE	INER RECORD BOTTOM (MD) and number) 07,09, 11 , 69 & 347 TION METHOD (Interpretation of the content of the	Flowing, gain PROD'N. TEST P	PROD s lift, put	SCREEN (MI S2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size OIL—BBL. 20 GAS—	ACII FERVAL 527 1 527 1 627 1 627 1	30. Sup S 2-7/ D, SHOT, (MD) De of pum GAS—MC	FRACTU AMO 2000 Cmt s 1000 20/40	THE CEMENT AND KING GALS 15% Sd in 4 WATER—BBL.	P SQUE P SQUE HCL W/15 HCL 000 STATUS P-in) P	LEZE, ETC. ATERIAL USED LSTNE O SX. LSTNE & 2000. gal slick brit (Producing or roducing DAS-OIL RATIO 300:1 AVITY-API (CORR.) 37.5
### SIZE PERFORATION REG 3491, 93, .41" = 7 .3402, 04, .41" = 7 .41"	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes HOURS TESTED 24 CASING PRESSURE	INER RECORD BOTTOM (MD) and number) 07,09, 11 , 69 & 347 TION METHOD (Interpretation of the content of the	Flowing, gain PROD'N. TEST P	PROD s lift, put	SCREEN (MI S2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size OIL—BBL. 20 GAS—	ACII FERVAL 527 1 527 1 627 1 627 1	30. Sup S 2-7/ D, SHOT, (MD) De of pum GAS—MC	FRACTU AMO 2000 Cmt s 1000 20/40	TEST WITNESS	P SQUE P SQUE HCL W/15 HCL 000 STATUS P-in) P	LEZE, ETC. ATERIAL USED LSTNE O SX. LSTNE & 2000. gal slick brit (Producing or roducing DAS-OIL RATIO 300:1 AVITY-API (CORR.) 37.5
### SIZE PERFORATION REC 3491, 93, .41" = 7 3402, 04, .41" = 7 .41"	TOP (MD) CORD (Interval, size 96, 3504, 66) holes. 26, 29, 66 holes HOURS TESTED 24 CASING PRESSURE CASING PRESSURE MENTS in Item 26	INER RECORD BOTTOM (MD) and number) O7,09, 11 , 69 & 347 CTION METHOD (I TUMPING CHOKE SIZE CALCULATED 24-HOUR BAT Suel, vented, etc.)	SACKS CER	PRGD FOR ERIOD BL. 20	\$2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size OIL—BBL. 20 GAS— 6	ACII SERVAL 527 1 527 1 471 1	2-7/CD, SHOT, (MD) De of pun GAS—MC 6	EF.	TEST WITNES	SED BY	LEZE, ETC. ATERIAL USED LSTNE O SX. LSTNE & 2000. gal slick brit (Producing or roducing DAS-OIL RATIO 300:1 AVITY-API (CORR.) 37.5
FERFORATION REC 3491, 93, .41" = 7 .3402, 04, .41" = 7 .124/75 W. TUBING PRESS. DISPOSITION OF G SOld LIST OF ATTACHS	TOP (MD) CORD (Interval, size 96, 3504, holes. 26, 29, 66 holes CON PRODUCT PORT TESTED 24 CASING PRESSURE SAB (Sold, used for function for funct	INER RECORD BOTTOM (MD) and number) O7,09, 11 , 69 & 347 CTION METHOD (I TUMPING CHOKE SIZE CALCULATED 24-HOUR BAT Suel, vented, etc.)	SACKS CER	PRGD FOR ERIOD BL. 20	\$2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size OIL—BBL. 20 GAS— 6	ACII SERVAL 527 1 527 1 471 1	2-7/CD, SHOT, (MD) De of pun GAS—MC 6	EF.	TEST WITNES	SED BY	LEZE, ETC. ATERIAL USED LSTNE O SX. LSTNE & 2000. gal slick brit (Producing or roducing DAS-OIL RATIO 300:1 AVITY-API (CORR.) 37.5
## SIZE PERFORATION REC 3491, 93, .41" = 7 3402, 04, .41" = 7 1/18/75 1/18/	TOP (MD) CORD (Interval, size 96, 3504, 66) holes. 26, 29, 66 holes HOURS TESTED 24 CASING PRESSURE CASING PRESSURE MENTS in Item 26	INER RECORD BOTTOM (MD) and number) O7,09, 11 , 69 & 347 CTION METHOD (I TUMPING CHOKE SIZE CALCULATED 24-HOUR BAT Suel, vented, etc.)	SACKS CER	PROD s lift, put FOR ERIOD BL. 20	\$2. DEPTH INT 3487-35 3487-35 3402-34 UCTION mping—size OIL—BBL. 20 GAS— 6	ACII FERVAL 527 1 527 1 471 1	2-7/CO, SHOT, (MD) GAS—MG 6	FRACTU AMO 2000 Cmt so 1000 20/40 water— 155	TEST WITNES	STATUS ST	LEZE, ETC. ATERIAL USED LSTNE O SX. LSTNE & 2000. gal slick brit (Producing or roducing DAS-OIL RATIO 300:1 AVITY-API (CORR.) 37.5

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

or Federal office for specific instructions. Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified,

"Sacks Coment": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF PO SHOW ALL IMPO DEPTH INTERVA	ROUS ZONES: ORTANT ZONES OF PO	DROSITY AND CONTE	NTS THEREOF; CORED IN	37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TENTED, CUSHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLO G	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM		DESCRIPTION, CONTENTS, ETC.		TOP	Ą
•					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Core #1	3412'	3428	Lime				
#2	3428	3462	Dolomite		Grayburg	2700'	2700'
#3	3462	3468	Dolomite		San Andres	3100'	3100'
#4	3468	3512'	Dolomite				
						•	
				•			
				-:			
							-
4							
-			-				
				•			·
					•		

INCLINATION REPORT

OPERATOR: Atlantic Richfield Company

P. O. Box 1710

Hobbs, New Mexico 88240

LEASE NAME & NO: C. A. Russell Well No. 11

LOCATION: Sec. 18, T-17-S, R-31-E, Eddy County, New Mexico

DEPTH	INCLINATION
200	1/4
705	1/4
1073	1/4
1409	1
1859	1 1/4
2281	1/2
2780	1
3168	3/4

I, E. P. Leatherwood, President of Leatherwood Drilling Company, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

E. P. Leatherwood

FREE TO THE PARTY OF THE PARTY

SUBSCRIBED END SWORN TO before me this 30th day of September, 1974.

SEAL)

Mangarette Contier Cont.