

March 20, 1992

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: Michael Stogner, Director

10466

RE: Pr

Produced Water
Injection Application
Cedar Lake Abo Pool
Sinclair Turner B 65
Sinclair Turner B 69
Eddy County, New Mexico

Dear Mr. Stogner:

Enclosed herewith in duplicate is an Application of Marbob Energy Corporation for the authority to inject produced water in the Sinclair Turner B 65 located 330' FSL and 1980' FWL Section 20 and the Sinclair B 69 located 330' FNL and 2310' FEL Section 29; Township 29 South, Range 31 East, Eddy County, New Mexico. This application is made pursuant to Rule 701A of the Division in Rules and Regulations for Notice and Hearing for disposal into the Abo formation, which is the same formation that the wells were originally producing from prior to being placed in a T/A'd The Turner B No. 65 and No. 69 are located on offset 40-acre proration units to Marbob Energy's Turner B No. 73 which is currently disposing of produced water into the Abo formation. The Turner B No. 73 was authorized by the O.C.D. as a Salt Water Disposal well under order number R-3378. Copies of this application will be furnished to each offset leasehold operator within 1/2 mile of the wells. Also, the Bureau of Land Management, as the owner of the surface of the land, will be notified of this application.

Mr. Stogner, Marbob Energy Corporation respectfully requests that a hearing be granted and scheduled on April 16th for the consideration of this application. Exhibits are included with this application, however complete documentation supporting this request will be provided at the formal hearing. Thank you for your consideration of this application.

Sincerely,

David Martin Land Department

Dand Martin

DM/mm Enclosures

ON CONSERVATION DIVISION

FORM C-108 Revised 7-1-41

×111 /2

APPLIC	ATION FOR AUTHORIZATION TO INJECT	
I.	Purpose: Secondary Recovery Application qualifies for administr	Pressure Haintenance Disposit Storage cative approvals See South
11.	Operator: Marbob Energy Corpora	tion
	Address: P. O. Drawer 217, Art	esia, NM 88210
	Contact party: Raye Miller	Phone: (505) 748-3303
III.	Well data: Complete the data required proposed for injection.	t on the reverse side of this form for each well Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing pr If yes, give the Division order number	raject?
٧.	Attach a map that identifies all wells injection well with a one-half mile rawell. This circle identifies the well	and leases within two miles of any proposed dius circle drawn around each proposed injection is area of review.
· vI.	penetrate the proposed injection zone.	
VII.	Attach data on the proposed operation,	including:
	 Whether the system is open or Proposed average and maximum i Sources and an appropriate and the receiving formation if o If injection is for disposal p at or within one mile of the 	njection pressure; lysis of injection fluid and compatibility with ther than reinjected produced water; and ucuoses into a zone not productive of oil or gas propused well, attach a chemical analysis of water (may be measured or inferred from exicting
-vill.	detail, replonical name, thickness, an bottom of all underground sources of d total dissolved solids concentrations	the injection zone including appropriate lithologic depth. Give the geologic name, and depth to rinking water (aquifers containing waters with of 10,000 mg/l or less) overlying the proposed ree known to be immediately underlying the
IX.	Describe the proposed stimulation prog	ram, if any.
• x.	Attach appropriate logging and test dawith the Division they need not be res	ta an the well. (If well lags have been filed ubmitted.)
4 XI.	Attach a chemical analysis of frosh wa available and producing) within one mi location of wells and dates samples we	ter from two or more fresh water wells (if le of any injection or disposal well showing re taken.
XII.	examined available geologic and engine	e an affirmative statement that they have ering data and find no evidence of open faults ween the disposal zone and any underground
XIII.	Applicants must complete the "Proof of	Notice" section on the reverse side of this form.
xIV.	Certification	
	I hereby certify that the information to the best of my knowledge and belief	submitted with this application is true and correct
		Title President
	Signature:	Date:

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lense name: Well No.: location by Section, Township, and Range: and Footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hule size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Hell Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The fillowing must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well
 - (4) Give the depths of any other perforated intervals and datail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN $_{11}$ Submitted.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

Marbob Energy Corporation Sinclair Turner B

OPERATOR LEASE

69	330' FNL, 2310' FEL	29	17S	31E	
WELL NO.	FOUTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
C-1		T	1-1 D. I		
2 3/8	nematic		bular Data		
Tybing	Surface	Size 13 3/8 O.D. "	Camanhad	100	
	1611	TOC 143'			_sx.
	312' 13 3/8	Hole size 17½"		Carc.	
		Intermediate Casing Size 8 5/8 O.D. "		. 1100	
ИК	1600' 8 5/8	TOC Surface			
lиk		Hole size 11"	dec decermined by		
		Long string			
		Size 4½ 0.D. "	Cemented wit		. ,
		тос 1400'			
$ \lambda $		Hole size 7 7/8"			
	X	Total depth 7230'			
		Injection interval			
	Perforated	6890 feet to perforated or open-hol	7230	feet	
	K	(perforated or open-hol	.e, indicate which)	
1 k] K					
	PBTD				
Y	<u></u>				
	* 4:				
Tubing siz	e	with Plastic Coatin	ig	set in	а
	rton Trump Pkr.	•	6800	feet	
	rand and model) be any other casing-tubing	seal).			
Other Data		•			
	f the injection formation	Abo			
	f Field or Pool (if applie		∞		
3. Is thi	s a new well drilled for i	injection? Yes	X / No		
If no,	for what purpose was the	well originally drilled?	Oil Well Prod	lucing	
	m the Abo Formation.	·	·		
4. Has th	e well ever been perforate	ed in any other zone(s)?	List all such per	rforated inter	vals
_	ve plugging detail (sacks	as coment or bridge plug	(s) used)		
No					
	he depth to and name of ar	ny overlying and/or under	lying oil or gas ;	zones (pools)	in
	ayburg Jackson Queen, S	Seven Rivers, Grayburg	, San Andres		
	901-4880				
-					

INJECTION WELL DATA SHEET

	330' FST.	1980 FWT.	20	17S	31E
WELL NO.	FOOTAGE L	DCATION	SECTION	TOWNSHIP	
	ematic		Tal	bular Data	
2 3			Surface Casing	odiar odda	
Tubi	•	Surface		.Cemented wit	ь 525
	= /[8]		TOC Surface		
獻日 //	EXE		Hole size 17½"		
	E/2 477	13 5/8"			
		13 3/6"			. 2100
			Size <u>8 5/8 O.D.</u> " TOC <u>Surface</u> ',		
	KE		Hole size 11"	reet determined by	CARATE (CIII)
KH //	EN				
旧川			Long string		500 (450
MH	国) 3700.	0 5 /0"	Size 4½ O.D. "		
41/1	F 3/90.	8 5/8"			Taiherarme
日月	H		Hole size 7 7/8"		
HI	E		Total depth 74971	·····	
НИ	H		Injection interval		
НИ	E	Perfo	orated 6890 feet to (perforated or open-hol	7480	feet
	PBID 7497	TD 4½"			
		' TD 4½"			
		' TD 4½"			
		' TD 4½"			
		' TD 4½"			
		' TD 4첫"			
Tubing siz	7497	·	d with <u>Plastic Coat</u>	ing	set in
	7497' e <u>2 3/8"</u>	line	(matei	(131)	set in
Hall:	e 2 3/8"	line Pkr.	(mater	(131)	
Hall: (b	e <u>2 3/8"</u>	line Pkr.	(mater	(131)	
Hall: (b) (or descri	e 2 3/8" iburton Trum rand and mode be any other	line np Pkr. il) casing-tubin	(mater	(131)	
Hall: (b) (or description Other Data 1. Name of	e 2 3/8" iburton Trum rand and mode be any other	line p Pkr. casing-tubin on formation	(mater at packer at	: <u>6800'</u>	
Hall: (b) (or description Other Data 1. Name of 2. Name of	e 2 3/8" iburton Trum rand and mode be any other f the injecti f Field or Po	line Pkr. casing-tubin on formation ool (if appli	(mater packer at g seal). Abo cable) <u>Cedar Lake Abo</u>	: _6800'	
Hall: (b) (or descri Other Data 1. Name o 2. Name o 3. Is thi	e 2 3/8" iburton Trum rand and mode be any other f the injecti f Field or Po s a new well	line p Pkr. casing-tubin on formation ool (if appli	(mater packer at g seal). Abo cable) Cedar Lake Abo injection? / 7 Yes /		feet
Hall: (b) (or descri Other Data 1. Name o 2. Name o 3. Is thi If no,	e 2 3/8" iburton Trum rand and mode be any other f the injecti f Field or Po s a new well for what pur	line p Pkr. casing-tubin on formation ol (if appli drilled for pose was the	(mater packer at g seal). Abo cable) <u>Cedar Lake Abo</u>		feet
Hall: (br description of the Arms of the A	e 2 3/8" iburton Trum rand and mode be any other f the injecti f Field or Po s a new well for what pur Abo Formation	line p Pkr. casing-tubin on formation ol (if appli drilled for pose was the on.	(mater packer at g seal). Abo cable) Cedar Lake Abo injection? / Yes / well originally drilled? ed in any other zone(s)?	X/ No Oil Well Prod	feet
Hall: (bther Dato 1. Name o 2. Name o 3. Is thi If no, the A	e 2 3/8" iburton Trum rand and mode be any other f the injecti f Field or Po s a new well for what pur Abo Formation	line p Pkr. casing-tubin on formation ol (if appli drilled for pose was the on.	(mater packer at g seal). Abo cable) <u>Cedar Lake Abo</u> injection? / 7 Yes /	X/ No Oil Well Prod	feet

Grayburg Jackson Queen, Seven Rivers, Grayburg, San Andres,

1901-4880



March 20, 1992

RECEIVED

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: Michael Stogner, Director

APR 1 - 1992

OIL CONSERVATION DIVISION

RE: P

Produced Water
Injection Application
Cedar Lake Abo Pool
Sinclair Turner B 65
Sinclair Turner B 69
Eddy County, New Mexico

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Sincerely,

David Martin Land Department

Dand Martin

DM/mm Enclosures

1.4

BEFORE THE NEW MEXICO CONSERVATION DIVISION

APPLICATION FOR APPROVAL TO

MARBOB ENERGY CORPORATION

For Conversion to Water Disposal

Sinclair Turner B No. 65

Located 330' FSL and 1980' FWL, Section 20

and

Sinclair Turner B No. 69

Located 330' FNL and 2310' FEL, Section 29

Township 17 South, Range 31 East

Eddy County, New Mexico

Table of Contents

<u>Item</u>	Attac	chments
Application	Form	C-108
Injection Well Data Sheet	Form	C-108 II
Map of Area Showing Well & Lease Ownership		III
Well Data - Wells in Area of Review		IV
Disposal Water Analysis (Not Available	Yet)	٧
Logging		VI
Fresh Water Analysis		VII
Geologic Structure Map		IIIV
Proof of Notice (to offset operators)		Χ

DISTRIBUTION: Original and one co-

OIL CONSERVATION CIVISION POST CIFCE BUX 2008 STATE AND CIFCE BUX 2008 SANTATE MEAN METAGO 27501

FURM C-109 Revises 7-1-91

I.	Purpose: Secondary Recovery Pressure Maintenance Dimanal Storage Application qualifies for administrative approval? .es
.11	Operator: Marbob Energy Corporation
	Address: P. O. Drawer 217, Artesia, NM 88210
	Contact party: Raye Miller Phone: (505) 748-3303
111.	Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
Ιν.	Is this an expansion of an existing project?
٧.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
vI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including: 1. Proposed average and maximum daily rate and volume of fluids to be injected;
*	 Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from exicting literature, studies, nearby wells, etc.).
vili.	Attach appropriate geological data on the injection zone including appropriate lithologication, qeological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
х.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
.vix	Certification
	I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	Name: John R. Gray 11tle President
	Signature: Date:

to Santa le with one copy to the appropriate Division

INJECTION WELL DATA SHEET

Marbob Energy Corporation

Sinclair Turner B

-	69 WELL NO.	330' FNL, 2310' FEL	29 SECTION	17S TOWNSHIP	31E Rânge
-	Sch	ematic	Is	bular Data	
	2 3/8 Tubing		Surface Casing		100
Hei	1 1 1 2	Surface	Size 13 3/8 O.D.		**************************************
		8	тос <u>143'</u> Hole size <u>17½"</u>		
	y 1/4 K		Intermediate Casing		
	(1600' 8 5/8	Size 8 5/8 O.D. "	Cemented wi	th <u>1100</u> sx
_			TOC Surface '		y Centent Circula
k	$\langle \mathcal{U} \mathcal{U} \rangle$		Long string	* ***	
			Size 4½ O.D. "	Cemented wil	th 1100 sx
	$V \cup V$		TOC 1400'		
k			Hole size 7 7/8"		
			Total depth 7230'		
			Injection interval	•	
<		Perforated	6890 feet to (perforated or open-ho.	. 7230	feet
k			(perforated or open-ha)	le, indicate which)
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		, <u>.</u> ,			
		a a 1-1/			
	Tubing size	2 3/8 lines	with Plastic Coating (mater	ng rial)	set in a
		ton Trump Pkr.	packer at	6800	feet
	•	and and model) e any other casing-tubing	seal).		
	Other Data	,			
•		the injection formation	Abo		
		Field or Pool (if applic		×	
	.•	a new well drilled for i		X7 No	
		for what purpose was the		Oil Well Prod	ucing
		the Abo Formation.	•		
٠.	/ Han the	well ever been perforate e plugging detail (sacks	d in any other zone(s)? of cement or bridge plug	List all such per (s) used)	forated intervals
	No				
· .		e depth to and name of an	y overlying and/or under	lying oil or gas z	ones (pools) in
•	this ere Gray	yburg Jackson Queen, S	even Rivers, Grayburg	, San Andres	
٠.		01-4880			

INJECTION WELL DATA SHEET

	Marbob E	nergy Corporation	Sinclair Turner B			
	65 WELL NO.	330' FSL 1980 FWL		17S	31E RANGE	
		TOUTAGE EDUCATION	JE1.11011	TOMASHEE	N/MAC	
		ematic		bular Data		
-	2 3 Tubi		Size 13 5/8 O.D. " TOC Surface		***************************************	
		477' 13 5/8"	Hole size 17½" Intermediate Casing Size 8 5/8 O.D. "		***************************************	
			TOC Surface Hole size 11" Long string	Reet determined by	Certerit Circula	
		3790' 8 5/8"	Size 4½ O.D. " TOC 1184' Hole size 7 7/8"	eet determined by		
t ean			Total depth 7497' Injection interval			
			rated 6890 feet to (perforated or open-hol	748U e, indicate which	feet	
		PBTD 7497' TD 4½"				
•	• • • •	e and e				
				·	. • •	
	Tubing size		with Plastic Coat (mater		set in a	
		ourton Trump Pkr.	packer at	6800 '	feet	
	(or describe	e any other casing-tubing	seal).			
•	Other Data		71 -			
		the injection formation				
•	•	Field or Pool (if applic a new well drilled for i		<u>₹</u> 7 No		
	If no,	for what purpose was the conformation.		-	ucing from	
, , , , , , , , , , , , , , , , , , ,	4. Has the and give	well ever been perforate plugging detail (sacks	d in any other zone(s)? of cement or bridge plug	List all such per	forated intervals	
	5. Give the	depth to and name of an	y overlying and/or underl	ying oil or gas z	oncs (pools) in	

Form 9-331 Dec. 1973

UNITED STATES DEPARTMENT OF THE INTERIOR	5. LEASE LC-029395-B
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME
reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas	Turner "B" 325
well well other Temporarily Abandoned	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil and Gas Company	65 (### # # ##)
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME

Form Approved.

@ Budget Bureau No.:42-R1424

well well other Temporarily Abandoned 2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company 3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 AT SURFACE: 330' FSL & 1980' FWL (Letter N) AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same

20-17S-31E - = = 12. COUNTY OR PARISH 13. STATE New Mexico Eddy 14. API NO.

11. SEC., T., R., M., OR BLK. AND SURVEY OR

77

Cedar Lake Abo

AREA

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA

15. ELEVATIONS (SHOW DF, KDB, AND WD) 3676' GR

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE **CHANGE ZONES** ABANDON*

(other)

SUBSEQUENT REPORT OF:

(NOTE: Report results of multiple con change on Form 9-3303 50

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU PU, NU BOP. RIH w/bit & scraper. CO to 6963', Circ CLN w/inhibited pkr fluid Run csg inspection log & CBL. Perf $4\frac{1}{2}$ " csg, circ cmt to surf, and squeeze wtr flow. DO and test squeeze. Resqueeze if necessary. Circ inhibited pkr fluid from squeeze holes to surface. Run 1 jt 2-3/8" tbg. Re-install wellhead. Leave well TA'd.

Subsurface Safety Valve: Manu. and Type _ 18. I hereby certify that the rerecting is · Manenthing Drlg. Engr. APPROVED (This space for Federal or State office use) 16:31 (ORIG. SGD.) DAVID R. GLASS CONDITIONS OF APPROVAL, IF ANY:

THIS WALL HAS BEEN CONFIRMED AND CONFIGURATION TO CHARD THE WALL HAS BEEN CONFIGURATION TO CHARD THE WALL COMPLETE CONFIGURATION AND ALTER SHOT OF CHARD THE WALL COMPLETE CONFIGURATION ALTER CASING MULTIPLE CONFIGURATION ALTER SHOT OF CHARGE TRANSMENT ALTER SHOT OF CHARGE TRANSMENT ALTERNACE CASING ASSOCIATION ALTERNACE TRANSMENT COMPLETED ON ALTERNACE TRANSMENT COMPLETED ON ALTERNACE CHARGE THAN COMPLETED ON ALTERNACE TRANSMENT COMPLETED ON ALTERNACE TRANSMENT COMPLETED ON ALTERNACE TRANSMENT COMPLETED ON THE CONFIGURATION ALTERNACE TRANSMENT COMPLETED ON ALTERNACE TRANSMENT COMPLETED O			N_ 24	.O. C. C	COPY		J	C
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Office of Department of Depart	SUN	IDRY NOTICES	AND REPO	ORTS ON	WELLS		G. IF INDIAN, ALLOTTED O	-
Office of Department of Depart	(Do not use this	form for proposals to Use "APPLICATION	drill or to deepen FOR PERMIT—" f	or plug back to for such propose	o a different res ds.)	ervoir.		ř
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RECEIVED

Broadway, Hobbs.

MEXICO OIL CONSERVATION COMPSSION Santa Fe. New Mexico

1960 1960 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE C. C. New Well Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed off or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

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Title Chief Clerk - Production Dept.

Midland, Toxas

WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form 9-331 (May 1963)	N. 'INITED STATE 'ENT OF THE	-ς	C. C. COPT SUBMIT IN TIPLICA OR verse ride	
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Atlantic Ric	hfield Comp	any 🗸		Turner "B" 9. WELL NO.
LOCATION OF WELL (Report location of			Mexico 88201 State requirements.	10. FIELD AND FOOL, OR WILDCAT
See also space 17 below.)				Cedar Lake-Abo
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(Do not use this form fo	r proposals to drill or to deepen or pl APPLICATION FOR PERMIT—" for su	ug back to a different reservoir.	
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t, 126.411 NV.	15. ELEVATIONS (Show whether	er DF, RT, GR, etc.) elsvation	12. COUNTY OR PARISH 13. STATE
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NOTICE	OF INTENTION TO:	s	UBBEQUENT BEFORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	BEPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	- [<u></u>] 원경경상 경 (일만[]
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	SHOOTING OR ACIDIZIN	ABANDONMENTE S
(Other)	CHANGE PLANS	(NOTE: Report	results of multiple completion on Well
DESCRIBE PROPOSED OR COMPLI	ETED OPERATIONS (Clearly state all perf	inent details and give pertinent	decompletion Report and Log form.)
proposed work. If well is nent to this work.) *	directionally drilled, give subsurface	locations and measured and true	vertical depths for all markers and zones
	orations 7122'-28' w/10		
	250 Gal. Mud clean rev e 7034-37', 7018'-24',		completed 10:00: AN A-15-
to 7080' w/ Guibe	rson L 30 pasker & Hydi	aulia hold down at	69801 Avel 24 N. W.
dry, displace bri	ne w/ cdl (120 bbl.) w	ish Abo perforations	7018'-57 W 1500 Cal. M
hold. Max. Fress	. 3800). Min. Press. 3	300# at L HPM 181P	16006. ID win. ATP C. A.
DEW IN LEGICAL	OW 23 BLO ABG 30 BAW at	NA A7 MMG AA_8 Chwy :	in 7 hrea ha 12 hour nee-
The Press 11104	4-17-04 Flowed Abo per	18 71 BHO GVty 44.8	and 30 MW on 12/64" chol
10g. rress. IIIO	, 008 1839/1 for calcul	iated 24 nrs. potent	tel of 142 bble. 3 3 2 3 2
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	O. C. C Artebia, of	i. FICE	
	ARIESIA, OF	.,	
True.)		网络小腹鳞鹟 医骶足术
. I hereby certify the the ter	egoing is true and correct		
X-	2000	District Superint	endent
SIGNED	TITLE _	•	DATE
(This coate for Federal or S			
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
APPROVEDADA	tate office use)		DATE
1			DATE
1	tate office use)		DATE
	tate office use)		

Form	9-331
(Mav	1963)

TED STATES

SUBMIT IN TR CATE*

DEP	ARTMENT OF THE INTE	RIOR (Other Instruction on r	5. LEASE DESIGNATION AND SERIAL NO.		
	Las Graces 029395(b)				
SUNDRY	6. IF INDIAN ALLOTTEE OR TRIBE NAME				
(Do not use this form fo Use "A	ation in the state of the state				
1. OIL GAS			7. UNIT AGREEMENT NAME:		
	THER	· .	5496 1 Bell		
	& Gas Company		8. FARM OR LUASE NAME		
3. ADDRESS OF OPERATOR	·		9. WELLING STATE		
520 Fast Bro	sadway, Hobbs, New Mexic	0			
4. LOCATION OF WELL (Report lo See also space 17 below.) At surface	cation clearly and in accordance with a	ny State requirements.*	10. FIRLD AND POOL, OR WILDCAT		
380f fr Borth 1:	ine and 2310° fr East 11	ne of Sec 29-175-31K.	11. SEC.; T., R., M., OR BLK. AND.		
Eddy County			SURVEY OR ARDA		
14	(0)		Sec. 29-178-318 MPM		
14. PERMIT NO.	15. ELEVATIONS (Show whether		12. COUNTY OR PARISE 18. STATE		
	_	face Kleystica	Other Date State S		
16. Che	eck Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data and a second		
NOTICE (F INTENTION TO:	SUBSE	QUENT BEROET OF:		
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	E P SEMPAIRING WELL		
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING		
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT		
REPAIR WELL	CHANGE PLANS	(Other)(Note: Report resul	ts of multiple completion on Well		
(Other) Squeeze & E		Completion or Recom	pletion Report and Log form.)		
proposed work. If well is nent to this work.) *	directionally drilled, give subsurface lo	cations and measured and true vert	s, including estimated date of starting an cal depths for all markers and zones pert		
			moil at the square and the square an		
	present perforations ?		ACCOMPANDE IN THE		
	to Approximately 7018-70				
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t all terms					
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	s work to be started Oh		A feed of the second of the se		
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	•		그는 교육중의 원칙 (출황) 흑인 그림 (1997)		
		••			
C 1	,				
18. I hereby certify that the for	egoing is true and correct				
SIGNED	TITLE 1	Dist. Supt.	DATE 01/09/61		
(The spade for Federal or	tate office use)		1997年李克克克·阿克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克		
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Cable to	ools wer	e used from	fee	et to	 	feet,	, and from	feet to	feet
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					Pu	to proc	nucing	September 12	., 19 60
	-		first 24 hours wa	2/		arreis o	t nuid of which	September 12 // was oil;	······································
	27		.0 % sediment		~ u		Gravity, Be.	118	
		_)		Gan	ons gasc	dine per 1,000	cu. ft. of gas	
Ro	ck pres	sure, lbs. per s	sq. in		LOYE	ES			
			, Drille						., Driller
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ILLEGIBLE

NEW LEXICO OIL CONSERVATION COMMISSION Santa Fe. New Mexico

(Form C-104) Revised: 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

		·	÷ *			Perios	Septembe	w 12, 196
TE AUE	HEDERV	PFOUEST	ING AN ALLOWAI	RIF FOR	(Place) A WELL KN	OWN AS	1	(Date)
		-	Turner "			* .	. 111	<u>, </u>
10	ompany or (Operator)		(Léase)		Underdent 1		
B Unit 1		ec ??	, T		., NMPM.,	(Fig.180 A)	Part)	
			County. Date Sp				27-	1
	ase indicate		Elevation					
D	<u></u>		7 Top Oil/Gas Pay	6919	Name o	of Prod. Form.	Abo	:
٦	G I	1	PRODUCING INTERVA	<u>L</u> - [§]				$-J_2$ in
	1		Perforations 7	08-7132				
E	1	H	Open Hole	¥	Depth Casing	3 Shoe 7230	Depth Tubing_	7077
			OIL WELL TEST -					:
L	K	I	Natural Prod. Tes	+ :	bbls oil.	hhle water "	in hre	Cho
	ě		Test After Acid o					4
M	N C	P	load oil used):					
				DDIS		DDIS WATER IN _		min. Size:
400 4	A		GAS WELL TEST -					•
	M # 520	,	Natural Prod. Tes			_		Size
_ •	asing and Ge Feet	menting Reco	-					
	12	1	Test After Acid o	r Fracture T	reatment:	MC	CF/Day; Hours	flowed
13-3/8	312	100	Choke Size	Method of	Testing:			: :
8-5/8	1600	1100	Acid or Fracture 1	reatment (G	ive amounts of	materials used, s	uch as acid,	water, oil, a
0-2/0	2000	-	sand): 500 hal				ےع	
4-1/2	7230	1109	Casing Packer	Press. 885	Date first	new tanks Septem	ber 12, 15	760
		, , , , , , , , , , , , , , , , , , , ,	Oil Transporter_	Texas-	New Mexico	Pipeline Co	PARY	
2-3/8	7077	TUBLE	Gas Transporter					
emarks:	; :	•••••		7			······································	······································
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			DLC		•••••		:	
I her	eby certify	that the inf	formation given abov	e is true ar	d complete to	the best of my kr	nowledge.	
pproved.						OLL & Gas G	OPPANY	
• •			,		/-	Company or	(Operator)	
(IL CONS	ervation	N COMMISSION		By:	(Signat	ure)	2
71	PP	and to		<i>'</i>				
i: W.S.	XLLA	misoro	and a		Title Send	Communications	regarding w	ell to:
itle	911, 1II	SAS (ASTE	9165		3 00			
				•	Name	d Burns		

N. M. O. C. C. COPY.

Form 9-881 a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Offic Las Cruces

Lass No. **029395 (b)** Unit Turner #B# SP

RECEIVED

JUL 2.6 196U

SUNDRY NOTICES AND REPORTS ON WELLS.

NOTICE OF INTENTION TO DRILL	 SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	 SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	 SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	 SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	 SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

			Jul y 20	, 190
Well No. 69 is loca	ted 380 ft.	from $\mathbb{R}^{\mathbb{N}}$ line	and 2310 ft. from $\frac{E}{E}$ line of s	sec. 29
NE/4 300 29	173	(Range)	MIPA (Meridian)	
(% Sec. and Sec. No.) Undesignated	(Twp.) E ddy	(Range)	New Mexico	
The elevation of the derrick	·	a level is	ft.	Service of the servic
			· • •	_

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

Sinclair Oil & Gas Company's Well No. 69, Turner "B" SP Lease

8-5, 3ª OD Cosing 24# 1600* (or thru Salt) 650 sucks & Cire

1-1/2" OD Casing 9.5# 7400" 1000 sacks(or essent back

into surface casing)

Propose to drill with rotary tools to a depth of approximately 7400' to test the Abo Roef 6900' to TD

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Companyinglair Oil & Gas Company

Address 3 0. Box 1470

Midland, Taxos

(Re De Sattermine)

CPO 852040

ige

ILLEGIBLE

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT JUL 2 6 1960 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE SECTION A Lease Turner nelair Oil & Gas Company Section Township County Eddy 17 South ctual Footage Location of Well: Borth East feet from the feet from the 2310 line line and Ground Level Elev. Producing Formation Pool Dedicated Acreage: Abo Reef 40 Acres 1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _ NO _ __. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.) 2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES_____ NO ____. If answer is "yes," Type of Consolidation 3. If the answer to question two is "no," list all the owners and their respective interests below: Land Description JUL 2 = 1960 U. S. GEOLOGICAL SURVEY مريد المراد المر SECTION B CERTIFICATION I hereby certify that the information 2310 in SECTION A above is true and complete to the best of my knowledge and belief. Div. Clerk Prod. Dept. Sinclair Oil & Gas Co. July 20, 1960 I hereby certify that the well le shown on the plat in SECTION B was plotted from field notes of actual me brunder my supervision and that the s oriest to the best of me knowledge

2000

1500

1000

330 660 990 /320 /650 /980 23/0 2640

Certificate No.

500

676

R31E CIOI-E STOCE 21 Dual •77 0.0 BE Piemons 51311 155 62 Avon Ener. 53 88 019395 76-W1 Avon \$68 4.5 Brown, Dow ATONG DISC 103716 103597 Schuster 2 Staaner

> Cedar Lake Abo Pool Land Map Abo producer

H. E. Yctes

W-1837

9.1 9:

H E Yates

Tomarack

06015

Ashmun, etal

Proposed Disposal Wells

Turner B 65 Turner B 69

53.32 7 Yates Pot, etal

82901 52 00

33.23

Recompleted Wells

Turner B 72

Disposal Wells

Turner B 73 Turner B 67

Plugged Wells

Cit Ser

Turner B 58

Turner B 70

Turner B 74

Turner B 75

TA'd Wells

Fren Oil Company No. 16

Deep Gas Well

Fren Oil Company Gas Com No. 21

Texaco

029420

H BP

Depth Drilled:

WELLS IN AREA OF REVIEW

1. Well Name: Fren Oil Company Gas Com No. 21 560' FSL and 3350' FEL N-Sec. 19, T-17S, R-31E Well Location: Gas Well - Pensylvanian Morrow Well Type: June 13, 1965 13 3/8" O.D. Casing set to 369' Date Drilled: Construction: 9 5/8" O.D. Casing set to 3210' 7" O.D. Casing set to 12,275' Depth Drilled: 12,299 Record of Completion: See attached well history 2. Well Name: Fren Oil Company No. 16 Well Location: 990' FSL and 355' FEL P-Sec. 19, T-17S, R-31E Well Type: TA'd Cedar Lake Abo Well September 14, 1961 Date Drilled: 8 5/8" O.D. Casing set to 1503' Construction: 5 1/2" O.D. Casing set to 7048' Depth Drilled: 7,067' Record of Completion: See attached well history 3. Well Name: Turner B No. 58 1650' FNL and 660' FWL E-Sec. 29, T-17S, R-31E Well Location: Well Type: Dry Hole - Ellenburger Formation Test Date Drilled: 1959 Construction: 13 3/4" O.D. Casing set to 230' 9 5/8" O.D. Casing set to 3825' 5 1/2" O.D. Casing set to 9900' 13,714 Depth Drilled: Record of Conversion: See attached well history and schematic 4. Well Name: Turner B No. 67 Well Location: 1650' FSL and 660' FWL L-Sec. 20, T-17S, R-31E Well Type: Water Injection - Grayburg Jackson Pool Date Drilled: July, 1960 Construction: 10 3/4" 0.D. Casing set to 475' 7" O.D. Casing set to 3800' 4 1/2" O.D. Casing set to 7221' CIBP set @ 6900' with 2 sacks cement on top 72231 Depth Drilled: Record of Conversion: See attached well history Well Name: 5. Turner B No. 70 330' FSL and 660' FWL M-Sec. 20, T-17S, R-31E Well Location: Well Type: P & A'd 12/6/87 Cedar Lake Abo Pool Date Drilled: September 23, 1960 8 5/8" 0.D. Casing set to 1600' Construction:

4 1/2" O.D. Casing set to 7200'

7200

Record of Conversion: See attached well history and schematic

6. Well Name: Turner B No. 72

Well Location: 1980' FEL and 330' FSL O-Sec. 20, T-17S, R-31E

Producing in Grayburg Jackson Q-SR-G-SA Pool October 13, 1960 Well Type:

Date Drilled:

8 5/8" O.D. Casing set to 1600' Construction: 4 1/2" O.D. Casing set to 7233'

CIBP set @ 7100' on 1/27/71

Depth Drilled: 72331

Record of Conversion: See attached well history

7. Well Name: Turner B No. 73

Well Loctaion: 380' FNL and 1980' FWL C-Sec. 29, T-17S, R-31E

Well Type: Produced Water Disposal Well since 5/13/68

October 23, 1960 Date Drilled:

8 5/8" O.D. Casing set to 1600' Construction: 4 1/2" O.D. Casing set to 7185'

Model N Packer set @ 6898'

Depth Drilled: 71851

Record of Conversion: See attached well history

8. Well Name: Turner B No. 74

330' FNL and 990' FEL A-Sec. 29, T-17S, R-31E Well Location:

Well Type: Plugged and Abandoned 12/14/86

Date Drilled: November 21, 1960

8 5/8" O.D. Casing set to 1600' Construction:

4 1/2" O.D. Casing set to 7207'

CIBP set @ 7126'

7250' Depth Drilled:

Record of Conversion: See attached well history and schematic

Well Name: Turner B No. 75 9.

330' FSL 660' FWL D-Sec. 29, T-17S, R-31E Well Location:

Dry Hole P & A'd 1/10/61

Well Type: Date Drilled: December 8, 1960

8 5/8" O.D. Casing set to 1608' Construction:

97801 Depth Drilled:

Record of Conversion: See attached well history and schematic Form 9-331 Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES	5. LEASE		
DEPARTMENT OF THE INTERIOR	LC-031844		
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
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 Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME		
reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME		
1. oil TA gas Other	Fren Oil Co.		
well Well U other	9. WELL NO.		
2. NAME OF OPERATOR ARCO Oil & Gas Company	16		
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME		
3. ADDRESS OF OPERATOR	Cedar Lake Abo		
P. O. Box 1710, Hobbs, New Mexico 88240	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	19-17S-31E		
below.) AT SURFACE: 990' FSL & 355' FEL	12. COUNTY OR PARISH 13. STATE		
AT TOP PROD. INTERVAL:	Eddy N. M.		
AT TOTAL DEPTH: As above.	14. API NO.		
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,			
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4055' GR		
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	7033 01		
TEST WATER SHUT-OFF C	CEIVED		
SHOOT OR ACIDIZE			
REPAIR WELL \(\overline{\text{X}}\)	6 19 Rhange on Form 9–330.)		
PULL OR ALTER CASING	198 flange on Form 9-330.)		
MULTIPLE COMPLETE	Lawrence and the second		
ABANDON* CHANGE ZONES ARTEGIA	-DUILAL SURVEY		
(other)	, NEW MEXICO		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertined.)	te all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and nt to this work.)*		
L. Rigged up on 6/3/80, installed BOP.			
2. RIH $w/2-3/8"$ OD tbg OE to 6916'.			
3. Spot C1 "C" cmt plug 6750-6916'.			
4. Spot C1 "C" cmt plug 1350-1450'. POH w/tbg.			
5. Filled hole 1350' to surf w/ FW. Remove BOP			
valve. TA effective 6/3/80. Hold for future	e development. RECEIVED		
	JUN 1 0 198		
	O. C. D.		
	ARTESIA, OFFIC		
Subsurface Safety Valve: Manu. and Type	Set @ Ft.		
18. I hereby certify that the toregoing is true and correct	0		
SIGNED FOR LEROY LANE	Supt. DATE 6/5/80 601 00 134		
(This space for Federal or State of APPROVED BY TITLE			
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	DATE .		

Form Approved. Budget Bureau No. 42-R1424 5. LEASE

UNITED STATES

DEPARTMENT OF THE INTERIOR	LC-031844
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME
reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil TA gas	Fren Oil Co.
well well other	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil & Gas Co. 🗸	16
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Cedar Lake Abo
P. O. Box 1710, Hobbs, New Mexico 88240	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	19-17S-31E
AT SURFACE: 990'FSL & 355' FEL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Eddy New Mexico
AT TOTAL DEPTH: As Above	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
DESCRIPTION APPROVAL TO CURRENT DEPOST OF	4055' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
FRACTURE TREAT RECEIVE	
SHOOT OR ACIDIZE	
REPAIR WELL 🛣	(NOTE: Report results of multiple completion or zone
PULL: OR ALTER CASING MAY 1 9 198	change on Form 9–330.)
MIDELIFE COMPLETE	
ABANDON*	URVEY
(other) ARTESIA, NEW ME	XICO
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertinent	re all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and not to this work.)*
1. Rig up, install BOP. POH w/ l jt tbg.	
2. RIH w/tbg & pkr, locate csg leak.	
3. Squeeze cmt leak thru cmt retr w/amt &	HOC
Mana cure to be determined by tent and	WOC.
•	job to 1000# for 30 mins.
Return to TA status.	RECEIVED
	MAY 2 0 1980
	େ ଓ, ୭ .
	ARTESIA, OFFICE
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	

(This space for Federal or State office use)

APPROVED BY _______CONDITIONS OF APPROVAL, IF ANY:

TITLE Dist. Drlg. Suptoate 5-14-80

TITLE _____ DATE _____

Form 9-331 Dec. 1973

UNITED STATES

•	

Form Approved. Budget Bureau No. 42-R1424

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	LC-031844
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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 Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NAME RECEIVED
eservoir. Use rotti 3-531-0 for such proposats.)	8. FARM OR LEASE NAME
1. oil gas well other	Fren 0il Co. MAR 27 1980 9. WELL NO.
2. NAME OF OPERATOR ARCO Oil & Gas Company	16 O. C. D.
Division of Atlantic Richfield Company	1 10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Cedar Lake Abo ARTESIA, OFFICE
P.O. Boz 1710, Hobbs, N.M. 88240	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA 19-17S-31E
below.) AT SURFACE: 990' FSL & 355' FEL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Eddy N.M.
AT TOTAL DEPTH: as above	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4055'
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF U	
FRACTURE TREAT SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING [] [] [] [] [] [] [] [] [] [] [] [] []	1930 change on Form 9–330.)
MULTIPLE COMPLETE	= 1000
ABANDON* U.S. 120203	BUAL SURVEY
	E.V MEXICO
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	lirectionally drilled, give subsurface locations and nt to this work.)*
 Rigged up 3-1-80, killed well, installed BOP RIH w/pkr. Press up csg to 1350# for 30 mins to 1350#, no leak. Pmpd dwn 8- 5/8" annulus 	s, no leak. Circ hole w/ FW, press up 150#, then broke to 0#.
 Ran Micro-Seismogram-Fractur finder bond log survey indicated wtr being injected @ 140'. 	g. 6910' - surf. TOC @ 1640'. Temp
4. Perf'd csg @ 1440-42' w/2JSPF. 5. RIH w/cmt retr set retr @ 1410'. Pmpd 340 s	ev C1 C Cmt w/ 2% CaC1
WOC. Pumpd 1000 gal Flo Check, 300 sx Cl C	w/2% CaCl. 3# sd. 3/10 of
1% CFRZ 2250#. RO 1 bb1. cmt. WOC.	", 2" 5252, 5" 52, 5, 25 52
6. Drld out retr & cmt @ 1410'. Ran bit to 691	8'. Displ hole w/FW.press csg to
1000# for 30 mins. OK. POH w/tbg.	
7. RIH $w/1$ jt tbg, flanged up tbg hd, closed va	alve, shut in on 3-12-80, Temp. Aband
after reprg water flow. Final Report Subsurface Safety Valve: Manu. and Type	
18. I hereby certify that the foregoing is true and correct	$\omega_{ij} = 2$
SIGNED TITLE Dist. Drlg. S	Supt. DATE
(Oriz. Sed.) CEOPOE U CYCYARO	fice use)
(Orig. Egd.) GEORGE H. STEWARD TITLE	F ENGINEER - MAR 2 5 /800

TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other)



Form Approved. Budget Bureau No. 42-R1424

UNITED STATES

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

0111125 0111120	5. LEASE
DEPARTMENT OF THE INTERIOR	LC-031844
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME RECEIVED
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME - MAR 7 1980
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas ather ARTESIA, NEW MELLOO	Fren Oil Company
well La well La other	9. WELL NO. ARTESIA, OFFICE
2. NAME OF OPERATOR ARCO O' and Gas Company	10
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Cedar Lake Abo
Box 1710, Hobbs, New Mexico 88240	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) 990' FSL & 355' FEL	19-17S-31E
AT SURFACE:	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Eddy NM.
AT TOTAL DEPTH: As above	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	4055' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT	

(NOTE: Report results of multiple completion or zone

change on Form 9-330.)

- 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
 - 1. Rig up, install BOP & POH w/compl assy.
 - 2. Run temp survey & locate water flow.
 - 3. RIH w/CIBP & pkr, set pkr @ various intervals, locate csg leak. POH w/pkr.
 - 4. RIH w/cmt retr, set above csg leaks & cmt squeeze leaks w/amt cmt to be determined. Drill out cmt squeeze jobs and press test to 1000# for 30 mins.
 - 5. Run 1 jt tbg, flange up wellhead, close 2" 2000# WOG valve, leave temporarily abandoned.

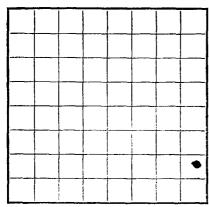
Subsurface Safety Valve: Manu. and T	Set @ F				
18. I hereby certify that the foregoing	g is true and correc	e t .			
SIGNED TO THE SIGNED	TITLE	Dist. Drlg. Sup	t DATE	3/3/80	
	(This space fo	or Federal or State office us	e)		
APPROVED BY	TITLE		DATE	MAR 0.6 tg	180
CONDITIONS OF APPROVAL, IF ANY:			•	·	
		•	9:5n.		
				<u> </u>	
	*See Inst	ructions on Reverse Side			

N. M. O. C. C. COPY

Form 9-331 (May 1963).	DEDADTI	ITED STATES	SUBMIT IN TE ICAT	
		GEOLOGICAL SURVEY	TIVIOI (verse gide)	LC 031844
		ICES AND REPORTS	S ON WELLS ug back to a different reservoir. ch proposals.)	6. IF INDIAN, ALLOTTEE CR TRIBE NAME
ī.				7. UNIT AGREEMENT NAME
WELL GA	ELL OTHER	Temporarily A	bandoned	8. FARM OR LEASE NAME
-	c Richfield	d Company i		Fren Oil Co.
3. ADDRESS OF OPE	BATOR	oswell, New Mex	ico 88201	9. WELL NO.
4. LOCATION OF WE	LL (Report location o	learly and in accordance with		10. FIELD AND FOOL, OR WILDCAT
See also space 1 At surface	7 below.)			Cedar Lake-Abo
990' FS	L & 355' F	EL (Unit letter	P)	Survey on AREA S. Sec. 19, T-17S, R-31E
14. PERMIT NO.		15. ELEVATIONS (Show whether	er DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
		4055' GR		Eddy Ball N.M.
16.	Check A	opropriate Box To Indicat	e Nature of Notice, Report, o	or Other Data
	NOTICE OF INTEN	•	,	
TEST WATER SI	IUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	BEFAIPING WELL ALTERING CASING ABANDONMENT
FRACTURE TREA	т	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDI		ABANDON*	SHOOTING OR ACIDIZING (Other) T.A. Ab	O ZOne S ABANDONMENT*
REPAIR WELL (Other)	<u> </u>	CHANGE PLANS		oults of multiple completion on Well completion Report and Log form.)
17. DESCRIBE PROPOS	ED OR COMPLETED OFF	CRATIONS (Clearly state all pert	inent details and give pertinent da	ntes, including estimated date of starting any rtical depths for all markers and zones perti-
nent to this we	ork.) *			
We ha	ve tempora	rilv abandoned	the Abo zone by s	etting a CIBP
	-	-	-	water. Job complete
	•	•		hole for possible
	_		erflood operation	s. Well was capped
with	master val	ve.		
				교육하는 사람들은 그 보고 되었다. 교육하는 사람들은 기를 보고 있다. 교육하는 사람들은 기를 보고 있다.
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		t we seed a		
		•	R	E Colored States and S
			~ 1,	
			·	JAM
		***	U.S. e	En 2 1971
			ARTEC	WAR STANDARD BEEN STANDARD BEE
•			~(.	
18 I hereby certify	that the foregoing i	s true and correct		 당시 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등
signed A	Metch	TITLE D	ist. Drlg. Superv	isor DATE 1/20/71
(This space for	Federal or State of	ice use)		# # # # # # # # # # # # # # # # # # #
APPROVED EV	1-1	TITLE _		DATE
DOMENONS C	of approval, is a	INY:		100 (100 (100 (100 (100 (100 (100 (100
1AN 2)				
POFE	KMA.	*See Instruct	ions on Reverse Side	ತಕ್ಕನ ಹ ದಿಹ್ಡ



Form 9-330



1. W. O. C. C. OUT!

* 9t Bureau No. 42-R355.4. Appi} /al expires 12-31-60.

U. S. LAND OFFICE LAS CINCOS

SERIAL NUMBER 031814

LEASE OR PERMIT TO PROSPECT FOR PRINCE

UNITED STATES

DEPARTMENT OF THE INTERIOR

RECEIVED GEOLOGICAL SURVEY

OCT 18 1961

C. C. C. Green, Depied

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company FREN OIL CORPANY					Addres	s 208 Hills	ndgn	Paso, 1	exas
Lessor or Tract					Field C	edar Lake A	bo State	e New 1	iexico
Well No	.16	Sec 19 _7	r. 175. R.	JLE. Mer	idian N.M.	Palla C	ounty I	iddy	
Location	a - 990 :	ft. of so	tHine ar	nd 355 . ft.	of each	Line of -Sect	ion 19	Eleva	tion _ 3611_f
						t record of the			
		letermined fi		ailable rec	ords. MA	6 Emgi			••••
Date	Octobe	r 11, 1961				TitleN	impor of	Partner	rship
The	e summar	y on this pap	ge is for t	he conditio	on of the well	l at above date			-
Comme	nced drill	ing Angu	st. 24,	, 19	61 Finish	ed drilling	September	· 11,	, 19 61
			OI		S SANDS C	R ZONES			
No. 1, f	rom 18	331	to 18	01 <u>-</u> G	No. 4	from 305	91 (o 30 6	21 0.8 G.
No. 2, f	rom 19	351	to 191	5. 0.60	No. 5	, from 307	3! t	io 308	1 0.8 G.
No. 3, f	rom 29	201	to292	21 0.4	G. No. 6,	from 322	0! t	o 322 5	5! O.& G.
			I	MPORTA	NT WATER	SANDS 695	io: t	0 703	l. 0. & G.
No. 1, f	rom 3	801	. to 3 £	51	No. 3	, from	<u> 100 m</u>	ter	Abo
No. 2, f	rom		. to		No. 4	, from	t	0	
				CAS	ING RECO	RD			
Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled fro	m -	orated	Purpose
Casing	Der 1996		S 31 00 UAIN	r ser water, s	ente ainu or mi	verial used, positi	on, and resul	ts of pump	ng or caning.
ith the laidetra	of the great	test importance greaters and fria 19 yell g	to have a manual volgaje	complete his and the we	Manager of the	rate in under mithe cas heen dynamited terrar used, positi	detail the da the state ful give date, si	tes of redri 3, and it a 20, position	nng, together ny casing was
				1	1	SAS WELL	\$	-	
							14 3064-7	B. S. GOVET AMEN	FAUNTING CEPICS
			MUDI	DING ANI	CEMENT	ING RECORD			
Size casing	Where set	t Numb	Number sacks of cement Met		Method used	Mud gravity	, A	lmount of n	nud used
-5/3" 1503" 100 Posmix Comort (50/50)			,		27	-sacks	Gel		
	-			rton-Gel Chloride		P\$ 00	3	1	Line
	701,81					gacks Cement	17	saoka-	െ
<u> </u>									

NEV. AEXICO OIL CONSERVATION COMP. SION Santa Fe, New Mexico

(Form C-104) Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE ECE, New Well Becompletion

This form shall be submitted by the operator before an initial allowable will be assigned to an appleted Oil or Cas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was four. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an application of the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

		•				Artesia, (Place)	Hev	Mexico	Sep		20, 196
						A WELL KN					
Fren	OII C	ompan	y	Max	Triess	, Well No	16	in	SE	1/4 SE	¹⁄₄,
	(Compan	y or Ope	rator) 19	- 17	(Lease)	, NMPM.,	Ca	der Leb	ro - A1	ha leas	1.
	k Letter										
	Eddy	••••••		County. Date	Spudded 8	-25-61	Date	Drilling Co	mpleted	9-15-	31
	Please in	dicate lo	cation:			Total				Kone	
D	C	В	A			Name o	of Prod.	Form.	LDO		 .
]]	PRODUCING INTE					•		
E	F	G	H	Perforations_	6972-76	. 6983-98 Depth		·	Denth		
-			"	Open Hole		Depth Casing	Shoe	7067*	Tubing_	6912'	
	 _	<u> </u>	 _	OIL WELL TEST	-	•					
L	K	J	I	Natural Prod.	Test: 172	bbls.oil,	bb	ls water in	24 hrs,	min.	Choke Size
l	1			Test After Ac	id or Fracture	Treatment (after	r recove	ry of volume	of oil ed	ual to vol	ume of
M	N	0	P	load oil used	: 175 bk	ols,oil,	bbls w	ater in 24	hrs,	Cho min. Siz	ke 3/4
		<u> </u>		GAS WELL TEST	-						
90	10/3	135	SE	Natural Prod.	Test: 172	MCF/Da	av: Hour	s flowed 2	34 Chake	Size	
Tubing	Casing	/ and Cemer	nting Recor	_		back pressure, etc					
	•	Feet	SAX			Treatment:275			Day: Hours	flowed	24
65	704 1	C 2 1	<i></i>	Ī		of Testing:					<u> </u>
85	8 1	503'	550		ine circu						
5%	2" 7	067	1050	i .		(Give amounts of					
		7	<u> </u>	sand): POT	19' 2	shot/ft.	250 G	allons	Mud. A	eid	
23	8 6	912		Press. 4800	Press. 2	Date first	tanks_	Septem	per 16	1961	
_	_ `	_	-	Oil Transporte	er /// = /U	bood for	pore	cion,	lorle	ne ve	us
ļ				Gas Transporte	er Skell	7 011 Comp	any_	·			
Remark	ks:				••••			•••••			•••

		••••••	•					•••••		•••••	• • • • • • • • • • • • • • • • • • • •
I	hereby co	ertify tha	at the info	rmation given a	sbove is true	and complete to					
Approv	red	SEF	26196	31	, 19	Fren		ompany or O			
		•				mass		سده صحب	Men)		
	OIL C	ONSER	VATION	COMMISSION	N	Ву		(Signatur	:)[
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Бу:	K. L. J. X		<i>wylslai</i> Ptopeote	ne way				unications r			
Title	OIL	112 612	#3FE6/=	<u>-</u>		Name	n All	Compa	n 17		
						W.A.BSITISFI	AA	····	- J		

NEV EXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 JAN 2 1 1960 fective 14-65

		All distances must be	rom the outer bo	underies of the	e Section.			
Operator			Lease	1		ARTI	EBIA, OFFICE 27	
SINCLAIR	OIL & GAS_COL	(PANY	FREN	OIL COME	PANY GA	S-COM	21	
Unit Letter	Section	Township	Ronge	C	County			
N	19	17-SOUTH	31 - E	AST		RDDY		
Actual Footage Loca		•						
560	feet from the	SOUTH line and	3350	feet fr	rom the	EAST	line	
Ground Level Elev:	Producing For		Pool				Dedicated Acreage:	
3579	PENNSYLV	VANIAN MORROW	UND	esi g natei)	i	305.32	Acres
1. Outline the		ted to the subject w					e plat below.	, .
interest an 3. If more tha	d royalty). n one lease of d	dedicated to the wel ifferent ownership is mitization, force-pool	dedicated to			-		
X Yes	☐ No If an	nswer is "yes," type (of consolidati	on	COMMUN	ITIZATIO	N	
	s "no," list the necessary.)	owners and tract desc	riptions whic	h have actu	ally been	n consolida	ited. (Use reverse sid	le of
		ed to the well until al or until a non-standar						
							CERTIFICATION	
LOT 1	;	,	i		11		CERTIFICATION	
}	l I		ı		} }			
1	!		l			I hereby c	ertify that the information	con-
		}	-1]]	tained her	rein is true and complete to	o the
	1		i		11	best of my	knowledge and belief.	
	1		i		1.1	2		
	i		1		11	<u> </u>	Cica)~	<i>-</i> -
<u></u>					[Nome D E	abose th	
LOT 2	i		i			Position	CROSS, JR.	
	ŀ	Ī	I	•	11	ADMINI	STRATIVE CLERK	
	į į		}	•		Company SINCLA	IR OIL & GAS CO.	•
	1		! .	,		Date	Y 19, 1966	
	a service a c	Errope of the Artist Control of the		Section 1		Deal	1 179 1700	
LOT 3	1					Mile	certify that the well loca	
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:[[1				this plat was plotted from	
1	Ä	Tra	ct 1				octual surveys made by m	
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Tract 2	ŧ		j		E 1	know ledge	and belief.	
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LOT 4	ji (i		- 6			
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1500

500

330

1320 1650 1980, 2310 2640

RECEIVED.

SINCLAIR OIL & GAS COMPANY - OPERATOR

JAN 2 1 1966

FREN OIL COMPANY GAS COM WELL NO. 21

O. C. C. ARTESIA, OFFICE

UNDESIGNATED POOL

DESCRIPTION OF LEASES:

TRACT NO. 1:

LESSOR: LEASE DATE:

LESSEE:

LESSEE OF RECORD: WORKING INTEREST OWNER:

ROYALTY:

ORR:

DESCRIPTION:

TRACT NO. 2:

LESSOR: LEASE DATE:

LESSEE:

LESSEE OF RECORD:

WORKING INTEREST OWNER:

ROYALTY:

ORR:

DESCRIPTION:

TRACT NO. 3:

LESSOR:

LEASE DATE:

LESSEE:

LESSEE OF RECORD:

WORKING INTEREST OWNER:

ROYALTY:

ORR:

DESCRIPTION:

UNITED STATES OF AMERICA IC 060L09

December 31, 1938 Maximilian Friess Kennedy Oil Company

Kennedy Oil Company - ALL

United States of America - STEP SCALE RATE

12-1/2% to 16-2/3%

Sinclair Oil & Gas Company - SLIDING SCALE

RATE 12-1/2% to 16-2/3%

NW/4 SE/4 Section 19, T-17-S, R-31-E, 40

acres more or less

STATE OF NEW MEXICO B-3627

December 10, 1934

E. Ruth Piatt

Kennedy Oil Company

0. H. Randel 50%

Lena Mizel 8.3333%

Morris Mizel 4.1667% Sam Mizel 20.8333%

Bedford American Petroleum Corp. 16.6667%

State of New Mexico 12.5%

None

Lots 3 & 4, W/2 SW/4 Section 19, T-17-S,

R-31-E, 65.32 acres more or less

UNITED STATES OF AMERICA IC 031844

December 31, 1938

Maximilian Friess

Sinclair Oil & Gas Company

Sinclair Oil & Gas Company - ALL

United States of America - SLIDING SCALE

12-1/2% to 16-2/3%

E/2 SW/4, SW/4 SE/4 & E/2 SE/4 Section 19, T-17-S,

R-31-E, 200 acres more or less

EG	SIBL	.E	N.	M. O. C. G. CO	PM Vr jule	et Bu rea u No. 42–R 355.4 . oval expires 12–31–60.	
Form 9-	330			TAED ()	V X		LAS CRUCES 031844
					.	SE OR PERMIT TO P	TPAC
			AUG :	2 1965 UN	IITED STATE	s RECA	IVED
			ARTES	DEPARTME	NT OF THE	INTERIOR JUL 2	3 1965
				-		U. S. GEOLO	GICAL SURVEY
	*		LC	G OF O	II. OR G	AKTESIA, N IAS WEL	IEW MEXICO
LOC	ATE WELL	CORRECTLY	20			HO WEL	عالم
Compa	ny FR EN	OIL COMPANY	- Suite	9-P Addraga	913 El Paso	National Ban	k Bldg.El
Тевепт	or Tract	Max Friesa	Fiction	Field	Wildcat	State Neg	79901 Mexico
		Sec. 19 T.17					
							. 3579
		t. N. of south in					
The so for s	ne informat as can be de	ion given herewite etermined from a	ll amailabla m	acanda "A	h. 🚣		done thereon
50 181 6	is can be ut	stermmed from a	n avanabie r	Signed	Jax Co	ninger	
Date _	July 20.	. 1965			Title	Member of Pa	rtnership
	•	on this page is f		tion of the well	at above date		
	-	g March 27,				June 13.	1065
COLUMN				AS SANDS OF	-		, 1 <i>0.</i>
				(Denote gas by G)	CZONES		
No. 1,	from 111	39! to	11154!	(G) No. 4, 1	from	to	************
No. 2,	from 112	04: to	112271	(G). No. 5, 1	from	to	**********
No. 3.	from	to		No. 6, 1	from	to	
2.0.0,	v			ANT WATER			
No 1	from	to				to	
•		to		•		to	
NO. 2,	1гоги	tO		•		bO	
				SING RECOR		Perforated	
Size	Weight per foot	Threads per inch Ma	ke Amount	Kind of shoe	Cut and pulled from	From- To-	Purpose
93.9/	48 3n. 44	in the well, give its	o dest for Caler	, state and or mate	rial used, positior.	and results of pur	ping or baning.
	reas for +	se in the transfer of the hower and its res	ults It 353'0 l	were any quanges -	made in the casing seen dynamited, si	state fully and pre date, size, positi	The Track Afe
7m 133	23/8- 26/	Sampariance of da					
		368.11	778 16 517 (PF GIL OR G	48 WELL	4-45664- D. T. GOVERNA	er erene cance
		MU	UDDING AN	ND CEMENTIN	G RECORD		
Size casing	Where set	Number sacks	s of cement	Method used	Mud gravity	Amount of	mud used
3_3/3ª	369±	300		lliburton	-		
5/8n	32101	600			-		
I	30077	F7F 67 -4 -4	age 350)				

7 00 12275 575 (1st stage 350) **

end (2nd ** 225) ** balance and PLUGS AND ADAPTERS

יסרם.

Heaving plug—Material Length Depth set

	ena (-zna					
<i>TT</i> ' 1	3.47.7		AND AL			h4
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st. fine pro	duction for the tre	24 hours was	1161	parrels d	hatillataich.	% was oil;%
emulsion:w_	% water; and	% sediment.		an.C	Gravity, °Bé	
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II gas w	ell, cu. ft. per 🎎 ho	1.600 M	F. KE	4445443	ELER SEE SEE SEE	eft of own 17/6hm Chol
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Yates Queen	es 32051 a 47501	LOCAT LEE	Line 1	. 0975 • 155և •	7-41	OZ 16—48094-4

SineMir Cil Corporation Merged into Atlantic Richfield Company effective March 4, 1964

30-015-106 10

RECEIVED

JAN 2 1 1966 Effective 1-1-65

NE .EXICO OIL CONSERVATION COMMISSIO

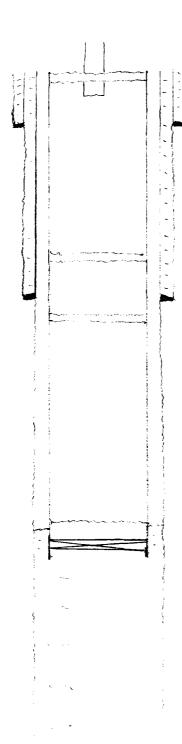
WELL LOCATION AND ACREAGE DEDICATION PLAT

			The series of the series of	the become		(7
Operator —Sinclair 0	il & Gas Comp	eany () () 1 1 14	Fren Oil C		ARTESIA,	Well No.
Jnit Letter	Section	Township	Ronge	County	5 11	
N	. 19	17 - S	31-E		Eddy	
Actual Footage Loca	ation of Well:		2250	₽-	a+	
560	feet from the Sou	inte wid		t from the	ıst	line
3579	Producing For Abo	mation	Cedar Lake	- Abo	Dedic	ated Acreage: 40 Acres
2. If more th interest an	an one lease is ed royalty).	dedicated to the well,	outline each and ide	ntify the ow	nership thereo	f (both as to working
dated by control Yes If answer in this form if No allowable in the control of th	ommunitization, u No If an is "no," list the f necessary.)	ifferent ownership is denitization, force-pooling is swer is "yes," type of the owners and tract described to the well until all or until a non-standard	g. etc? consolidation ptions which have actions which have actions.	tually been	consolidated. (by community has been approximately)	(Use reverse side of ization, oved by the Commis-
Lot 1					I hereby certify tained herein is best of my know Name R. E. Cro Position Administr	that the information contrue and complete to the dedge and belief. ss, Jr. ative Clerk Oil & Gas Compan
Lot 3					January 2 I hereby certif shown on this p notes of actual under my super-	o, 1966 y that the well location lat was plotted from field surveys made by me or rision, and that the same crect to the best of my
Lot li	21 095	3350			Date Surveyed Registered Profes and/or Land Surve	sional Engineer
	20 1650 198	0. 2310 2640 2000	1500 1000 E	500 0	Certificate No.	

133/8 × 35.6# @ 230'

95/8 x 36,40 # @ 3825'

51/2" X 17= N-80 @ 9900"



DRY HOLE MARKER

CEMENT PLUG SET 3787-3863'

CEMENT PLUG SET 4895 - Sees' 5'4" CASING SHOT-OFF 5003'

CAPPER WI CEMENT 9674'
51/2 TITAN CIBP 9694'

'TRIPLICATE' ctions on reForm approved. Budget Bureau No.

	Eddy N.M.
15. BLEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
FNL & 660' FWL (Unit Letter E)	Sec. 29, T17S, R31E
WELL (Report location clearly and in accordance with any State requirements.* e 17 below.)	Undesignated
Box 1978, Roswell, New Mexico 88201	9. WELL NO.
cic Richfield Company	Turner "B"
WELL OTHER P& A	8. FARM OR LEASE NAME
CAS CT D C A	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAL SURVEY	LC 029395 (b)
	SUNDRY NOTICES AND REPORTS ON WELLS use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.) CAS WELL OTHER P&A BEATOR CIC Richfield Company DEPERATOR BOX 1978, Roswell, New Mexico 88201 WELL (Report location clearly and in accordance with any State requirements.* FNL & 660' FWL (Unit Letter E)

NOT	ICE O	F INTENTION TO:		SUBS	SEQUENT REPORT	or:	
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		BEPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE	<u> </u>	FRACTURE TREATMENT		ALTERING CASING	<u></u>
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING		ABANDON MENT*	X
BEPAIR WELL		CHANGE PLANS	<u> </u>	(Other)			L
(Other)				(Note: Report res Completion or Reco	ults of multiple impletion Report	completion on Welt and Log form.)	d
ESCRIBE PROPOSED OR CO	MPLE	TED OPERATIONS (Clearly state	all pertinen	t details, and give pertinent da	tes, including e	stimated date of st	artin

17. 0 proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well has been plugged & abandoned in the following manner:

Set 5½" Titan CIBP @ 9694' WLM. Capped w/3 sx cement to 9674'. JC @ 8:00 PM 10/7/71. Shot $5\frac{1}{2}$ " casing off @ 5003' WLM. 157 jts (4960.57') of $5\frac{1}{2}$ " OD 8R 17# J-55 & N-80 casing. 35 sk cement plug 4895-5000', 35 sk cement plug 3787-3863'. 10 sk cement plug in top of well. Installed dry hole marker. 9#/gal gel mud was left between all plugs. 13-3/8" and 9-5/8" csg remain intact. Well P & A 10/12/71.

Verbal permission to set CIBP received from Mr. Beekman on 10/5/71.

OCT 15 197 10/13/71

18.	I	hereby	certify	that	the	foregoing	is true and correct	-
	٠			1		×	+//	
	8	IGNED	<i>U.</i> ,	$\underline{\mathcal{L}}$. '	ZXLL	loken	

THILE Dist. Drlg. Supervisor

(This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

M. M. C. U. O. COPY ENT OF THE INTERIOR verse side) GEOLOGICAL SURVEY

SURMIT IN PIPLICATE* ons on re-

Form approved.
Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

LC 029395 (b)

SUNDRY NOTICES AND REPORTS ON WELLS

	Use "APPLICA"	ils to drill or to deepen or plug back t TION FOR PERMIT—" for such proposa	PECEIVE	
l.	OHL GAS WELL OTHER		CED 29 1971	7. UNIT AGREEMENT NAME
2.	Atlantic Richfie	eld Company	u s. Geological. S	8. FARM OR LEASE NAME LETTURE "B"
3.	P. O. Box 1978,	Roswell, New Mexico	s safetia, New ME	58
4.	LOCATION OF WELL (Report location cle See also space 17 below.) At surface	early and in accordance with any State	requirements.*	10. FIELD AND POOL, OR WILDCAT Undesignated
-	1650' FNL & 660'	' FWL (Unit letter	E)	Sec. 29, T17S, R31E
14.	PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, G 3644' GR	ir, etc.)	12. COUNTY OR PARISH 13. STATE N.M.
16.	Check Ap	propriate Box To Indicate Natur	e of Notice, Report, or C	Other Data

	• • •		• • • • •	•	7 3 4 - 3	
BOT	ICE OF INTENTION TO:		#UB:	SEQUENT REPORT	ror:	
IEST WATER SHUT-OFF	PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	<u> </u>
SHOOT OR ACIDIZE	ABANDON*	X	SHOOTING OR ACIDIZING		ABANDONMENT*	
ESPAIR WELL	CHANGE PLANS		(Other)		<u> </u>	-L
(Other)			(Note: Report res Completion or Reco	ults of multiple empletion Repor	completion on Welltand Log form.)	11
		-11	4 -4			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) 2 to 3

This well was drilled in 1959 and was not commercial in the deeper zones. On 1/7/60 a 10 sack cement plug from 9845-9757 was set and the 5% casing was filled with heavy mud. We propose to P & A the well as follows: Note: The wellbore is not needed in Grayburg Jackson waterflood operations.

- Shoot off and pull 53" csg from free point (top of cmt @ 9430').
- Set these cement plugs leaving 9#/gal gel mud between them:
 - 35 sx @ 5½" stub
 - 35 sx across top of Wolfcamp @ 8400' if 51/2" stub below this depth.
 - 35 sx across top of Tubb @ 6552' if 53" stub below this depth.
 - 35 sx across top of Glorieta @ 5020' if 51/2" stub below this depth.
 - 35 sx in & out of 9-5/8" shoe @ 3825'.
 - 10 sx in top of well.

Erect dry hole marker. Clear and level location. 13-3/8" and 9-5/8" casing to remain intact.

18. I hereby certify that the foregoing is true and correct Dist. Drlg. Supervisor 9/27/71 TITLE

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF TRPROVAL, IF ANY:

A DATE TO SINK

*See Instructions on Reverse Side

ILLEGIBLE

sureau No. 42-R355.4. Jexpires 12-31-60. Form 9-330 U. S. LAND OFFICE . SERIAL NUMBER ... LEASE OR PERMIT TO PROSPECT VED UNITED STATES DEPARTMENT OF THE INTERIOR MAR 3 1 1960 GEOLOGICAL SURVEY O. C. C. ARTESIA, OFFICE LOG OF OIL OR GAS WELL 1- Tocale merr courectrate and last an J-1/2 of Geating from 28151 to 27571. Falled Company Sinclair Oil & Gas Company Address 520 E Broadesy Robbs, New Mexico Lessor or Tract to Torner The SP ST TEN TO Bield Wilder The State State Less Maries and Well No. Sec. T. T. R. Meridian County Location 1650 ft. S. of Line and 660 ft. E. of Line of County The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records. Signed State Date ___ March 23, 1960 The summary on this page is for the condition of the well at above date. of state I TOIL OR GAS SANDS OR ZONES ' GUSECEST OF DELLE MED -No. 2, from No. 2, No 6 from to to the state of th IMPORTANT WATER SANDS

No. 1, from to No. 3, from to CASING RECORD A STEP & POEL Threads per inch MUDDING AND CEMENTING RECORD Method used

MARK

9900

ILLEGIBLE

(SUBMIT IN TRIPLICATE)

Land Office Lan Cricon

Lease No. 009395 (b)

Unit Tyrner TP SP

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DE 10 1959

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO TEST WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF WATER SHUT-OFF SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL	 SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

The second second	* <i>h</i> -		July 8,	, 1	9.3
Well No. 🥦 is lo	cated 650 ft.	from_ $\frac{N}{N}$ line	and 660 ft. fron	n W line of sec.	<u> </u>
M/A Section 27	3.75	113	wint	()	
(14 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		NE GL PER
Wildest /	200		Yan-	Market Fig. 1	M. P. Land
(Field)	(Co	ounty or Subdivision)	()	State or Territory)	·
The elevation of the derri	ick floor above se	ea level is	ft.	State or Territory) U JUL 1 3	
	DE	ETAILS OF W	ORK	artesia, ne	n Madrid

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

STECLAIR OIL & GAS COMPANY'S WELL NO. 50, YURBER "H" SP LEASE

9-5/8" Car 35.64 200" 200 Sanks
9-5/8" Car 26 # 3k,500" 200 Sanks
| LLEGIBLE
7" CD Car 26 # 3k,500" 1000 Sanks

Propose to drill well with notary tooks to depth of approximately 14,500° to test the Ellenburger 14,000° to total depth.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company

Address

Ps 0, Best 1470

By R. B. Satternhilte

Title Chief Clark - Production Department

GPO 9 18 507

(See instructions for completing this form on the reverse side)

Well Location and Acreage Dedication Plat

Section A. Date July 8, 1959 Sinclair Oil & Gas Company Turner "P" AP Operator Lease Well No. 58 Unit Letter B Section 27 __Township 17 South Range 31 Lest **NMPM** Feet From Line, Feet From West Located Line _G. L. Elevation_ ____Dedicated Acreage_ County_ Acres Name of Producing Formation ______ Wildget ___Pool___ 1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes___No___. If answer is "yes," Type of Consolidation_ If the answer to question two is "no," list all the owners and their respective interests below: Owner Land Description il. v. v. Lizza ARTERIA MEV Section. B This is to certify that the information in Section A above is true and complete. to the best of my knowledge and belief. Sinelair Oil & Gas Company (Operator) (Représentative) P. O. Box 1470 Midland, Turns Address This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and Date Surveyed July 9, 15 Registered Professional Engineer and/or Land Surveyor. 1000 Certificate No. (See instructions for completing this form on the reverse side)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FRACTURE TREATMENT

SHOOTING OR ACIDIZING X

(Other) Add Perfs

ALTERING CASING

ABANDONMENT*

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

MI & RU WL truck 1/30/70. Tagged bottom @ 3082' WLM. Perforated 3060-68 w/2 JSPF (GR-N log) thru 2" tbg. Treated perfs 3031-3068 w/2000 gallons 15% LSTNE HCl acid & ball sealers. water injection. Job complete 1/30/70.

18. I hereby certify that the foregoing is true and correct THILE Dist. Drlg. Supervisor 2-4-70 DATE (This space for Federal or State office use) APPROVED BY DATE CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD PURPOSES -(q7f)

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

		14. IVI. O. (C. C. COPY	•		C244 [3
Form 9-331 (May 1963)	! ITED ST.	ATES	SUBMIT IN TE	ICATE*	Form approve Budget Bures	ed. au No. 42 -R1424
D	EPARTMENT OF T	HE INTERIO	R (Other instruction verse side)	on re 5. 1	LEASE DESIGNATION	AND SERIAL NO.
	GEOLOGICAL	SURVEY		1:-	LC 029395	(B) 5
SHNDR	Y NOTICES AND I	REPORTS OF	J WELLS	1	F INDIAN, ALLOTTE	E OR TRIBE NAME
	for proposals to drill or to "APPLICATION FOR PERM			, Eig		1 4 ·
	: "APPLICATION FOR PERM	IT—" for such prop-	osals.)		<u> </u>	
1. OIL C GAS C	Wat on Indi	nation Wall		1 (1 mm)	UNIT AGREEMENT NA	LME Comments
2. NAME OF OPERATOR	OTHER RACEP INJE	ection Well			PARM OR LEASE NAM	V E
ATLANTIC RICHFI	EID COMPANY				Turner "B"	i. Liga en
3. ADDRESS OF OPERATOR	DID COLLIANT		 		WELL NO	
P. O. Box 1920.	Hobbs, New Mexic	o 88240		9 17	67) ()
	t location clearly and in accor		ate requirements.	10.	FIELD AND POOL, O	R WILDCAT
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1650' FSL and 6	60' FWL			11.	SEC., T., R., M., OR I	BLK. AND
				70 to	ડુંલું જે ફેંસ	, *
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14. PERMIT NO.	15. ELEVATIONS	(Show whether DF, RT	•		COUNTY OR PARISH	
		· 3625' GR	<u> </u>	<u></u>	Eddy	New Mexic
16.	Check Appropriate Box	To Indicate Nat	ure of Notice, Repo	rt, or Other	Data	. . .
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REPAIR WELL	CHANGE PLANS		(Other)Blank c		squeeze Vac	
(Other)			(Note: Repor Completion or	t results of m Recompletion	ultiple completion Report and Log for	on Welconver
17. DESCRIBE PROPOSED OR COM- proposed work. If well	PLETED OPERATIONS (Clearly s	state all pertinent d				
nent to this work.)				, F	ag : : : : : : : : : : : : : : : : : : :	, i j
bo PBTD 68 4-3-69 Incor (Tested up well Converted)	1/2" CI bridge plu 3901. Cement sque Class C cement. V 0,K. Ran 2-3/8"(I head and prepara ted to Water Inject Casing annulus fi	eezed Vacuum WOC 24 hrs. OD EUE tubin ing to injection Well i	n perfs. 3155-3 Pressure test ng w/on & off t et water into F in Russell-Turr	180' w/l ed casin cool set Premier p	00 sacks ce g to 800# f @ 2944! 0 erfs. 3031-	ment for 30", connected 30441.
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(This space for Federal of	or State office use)					
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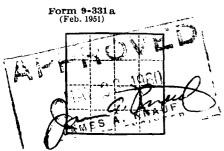
*See Instructions on Reverse Side

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FORMATION RECORD—Continued [0AEK]

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(SUBMIT IN TRIPLICATE)

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Land Office	
Lease No.	\$
Unit Mark R.E	CETVEB
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		May 39	, 1922
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* =	(Twp.) (Runge)		. Marris
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GPO 862040

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

	SEE II	NSTRUCTION				ON THE REV	ERSE SIDE	
		<u> </u>		SECTION	N A			· · · · · · · · · · · · · · · · · · ·
Operator	air 013 & 6	es Camer		Lease	Terner	aba Sb		Well No.
Unit Letter	Section	Township		Range	:	County		
L	20		South		1 East	1 .	Kddy	
Actual Footage Lo	ocation of Well:	Samuel .			_		Vest	
1650	feet from the	90518	line and	660	<u> </u>	feet from the	****	line
Ground Level Elev	Producing			Pool				Dedicated Acreage:
	450	WART .		U	nd oodgan	t ed		Acres
1. Is the Operator	the only owner i	n the dedicat	ed acteage of	itlined on t	he plat hel	ow? YES	NO	("Owner" means the person
								mself or for himself and
	3-29 (e) NMSA 1		,, , , , , , , , , , , , , ,			F. C. S. C.		
2. If the answer to	o question one is	"no," have	the interests	of all the o	wners been	n consolidated	by commun	itization agreement or other-
	NO							
3. If the answer to	o question two is	"no," list a	ll the owners	and their r	espective i	interests belov	v:	
Owner					Land Desc	ription		
								·····
		SECT	ION B				1	CERTIFICATION
							. 1	
, 1							. 3	certify that the information
	!				i	•		TION A above is true and com-
. 1	ì				İ	·	plete to belief.	the best of my knowledge and
	i				!		Deller.	
111 1 1	-CIR				1		Name	
	GIB	<u></u>			1		1.1	Letter 1
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					1		Div.	Clerk Prod. Dept.
	i				1		Compan	
	į				Ì			lair Cil & Gas Company
	ļ				İ		Date	19, 1960
	ļ				1			
	1				1			Wm
								Alma
					1		I hereby	certify that the well location
	· l				1		1	n the plat in SECTION B was
6601	l l						plotted	from field notes of actual
	i i				!		surveys	made by me or under my
P	•						_	sion, and that the same is true
					NE FA			ect to the best of my knowledge
	==+		T	- EN	CHIEF EN B		and beli	et.
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•					-	" \学\	Date Su	rveyed
8				REG.	676	12		5/20/60
	1]	134		red Professional Engineer
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	·			1/2/	MEX	4/		Stand Man L
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0 330 660	990 1320 1650	1980 <u>(</u> 310	2640 20	00 1500	1000	500		676

SUNDRY NOTICES AND REPORTS ON WELLS. ODD 10 Use this foregon to grow the control of the deepen of put and peopenials. If the control of the		RTMEI OF TH	NAGEMENT	(Other instruction in verse side)	LC 029395 (b)
ONLY THE CONTROL OF T	SUNDRY N (Do not use this form for pure "AP)	OTICES AND RI	EPORTS ON epen or plug back for such propos	WELLS to a different reservoir.	6 IF INDIAN, ALLOTTER OR TRIBE
ARCO Oil and Gas Company 3. should be of organized P. O. Box 1610. Midland, Texas. 79702 P. O. Box 1610. Midland, Texas. 79702 P. O. Box 1610. Midland, Texas. 79702 P. O. Box 1610. Midland, Texas. 79702 Increme of with liberal beating clearly add in accordance with any State requirements. At surface 330° FSL 5 660° FWL (Unit M) 11. SEC. Tex. M. O. BEAR, AND 20-178-31E 12. COONTY OR FARINE 13. FYL Check Appropriate Box To Indicate Nature of Notice, Repon, or Orther Date Notice of Intertaints To: **TEXA WATER BECT-OFF*** **TEXA WATER BECT-OFF*** **TEXA WATER BECT-OFF*** **TEXA WATER BECT-OFF*** **TEXA WATER BECT-OFF** **TEXA WATER BATER BA	OIL & GAS			and the second	7. UNIT AGREEMENT NAME
3 ADDRESS OF OPPRATION P. D. ROY 1610, Midland. Texas. 79702 P. D. Roy 1610, Midland. P.	2. NAME OF OPERATOR				8. FARM OR LEASE NAME Turner "B"
See also space If below? 330° FSL & 660° FWL (Unit M) Cedar Lake - Abo 11. See, L. M. OB MAL AND 20-175-31E 12. COERTY OR PALL AND 13. STATE AND 14. FERMIT NO 30-015-05301 15. SERVATER SHUTFOF NOTICE OF INTERVINO'S (Show waether or at one) 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Date NOTICE OF INTERVINO'S (Show waether or at one) 17. TEST WATER SHUTFOF PILLO A ANTER SHUTFOF PILLO A MARTINE SHUTFOF PILLO A ANTER SHUTFOF PILLO A A	3. ADDRESS OF OPERATOR			<u> </u>	• -
16. FRENIT NO. 30-015-05301 15 MAINTAINS (Show whether of N. C.	See also space 17 below.) At surface				10. FIELD AND POOL, OR WILDCAT Cedar Lake - Abo
16. FERMIT NO 30-015-05301 15 ELEVATIONS (Show whether pt. N. Of. etc.) 3627 GR Eddy 10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data acasequent abroad of the Complete of Notice of Internation to: TEST WATER BRICTOFF POINT INTERTION TO ALTER AND AND AND AND AND AND AND AND AND AND	330' FSL & 6	660' FWL (Unit M	()		SURVEY OR AREA
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17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly State all) pertinent details, and give pertinent dates including estimated date of start proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and government to this work.)* 12-5-86. RU PU. P&A'd as follows: Plug	FRACTUBE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE ABANDON®		FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	ABANDONMENT* X
1 6624-6980 25sx Tag top CIBP @ 6980'. Spot 25 sx 2 3194-3550 25sx Spot 3 2594-2950 25sx Spot 4 1294-1650 25sx Spot 5 0-425 30sx Spot 4 2250-1894 25 sx Spot 7 1057.6 N.M. Installed dry hole marker. Well P&A'd 12-6-87 JAN 26 1987 DIST. 6 N.M. Ond. Rev. III. Engr. Tech. Spec. OATE 1-22-87 ITILE Engr. Tech. Spec.			_	Pomarks	
2 3194-3550 25sx Spot 3 2594-2950 25sx Spot 4 1294-1650 25sx Spot 5 0-425 30sx Spot 4 2250-1894 25 sx Spot Installed dry hole marker. Well P&A'd 12-6-87 JAN 26 1987 DIST. 6 N.M. 18. I bereby certify that the foregoing is true and correct SIGNED Ren Well P&A'd 12-6-87 TITLE Engr. Tech. Spec. DATE 1-22-87 APPROVED BY APPROVAL IS ANY.	<u>1148</u>		-		·
1294-1650 25sx Spot 0-425 30sx Spot 2250-1894 25 sx Spot Installed dry hole marker. Well P&A'd 12-6-87 JAN 26 1987 DIST. 6 N.M. DIST. 6 N.M. SIGNED Ken W Joseph Englisher Area Manager APPROVED BY APPROVED B		3194-3550	25sx		6980'. Spot 25 sx
Installed dry hole marker. Well P&A'd 12-6-87 JAN 26 1987 DIST. 6 N.M. Signed Ken W Joinel Title Engr. Tech. Spec. APPROVED BY APPROVED BY CONDITIONS OF APPROVAL AND AND APPROVAL AND AND APPROVED BY CONDITIONS OF APPROVAL AND AND APPROVAL AND AND APPROVAL AN	3			Snot	ELEND OF
SIGNED Ken W Soll Engr. Tech. Spec. (This space for Federal of State Office une) chien APPROVED BY APPROVED BY CONDITIONS OF APPROVAL IN ANY.	<u> </u>	0-425	30sx	Spot Spot	
18. I hereby certify that the foregoing is true and correct SIGNED Ken W Solvell Title Engr. Tech. Spec. (This space for Federal of State bace use) when Area Manager APPROVED BY	Installed dr	y hole marker.	Well P&A'd	1 12-6-87	JAN 26 1987
SIGNED Ken au Solvell TITLE Engr. Tech. Spec. (This space for Federal of State office and Schien Area Manager APPROVED BY TITLE DATE 130 87					God, Heven
APPROVED BY TITLE DATE / 30 87	, ,	log is true and correct			DATE 1-22-87
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Sunaco restaulation is sompleted.

BUREAU OF LAND MANAGEMENT	LC 029395 (b)
SUNDRY NOTICES AND REPORTS O (Do not use this form for proposals to drill or to deepen or plug ba Use "APPLICATION FOR PERMIT—" for such pro	ck to a different reservoir
OIL X GAS OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
ARCO Oil and Gas Company -Division of Atlant	ic Richfield Company Turner "B"
3. ADDRESS OF OPERATOR	9. WBLL NO.
P.O. Box 1610, Midland, Texas 79702	.70
 LOCATION OF WELL (Report location clearly and in accordance with any S See also space 17 below.) At surface 	10. FIELD AND POOL OR WILDCAT Cedar Lake - Abo
330 FSL & 660 FWL (Unit M)	11. SEC., T., E., M., OR BLK. AND SURVEY OR ARMA
	20-17 S-31E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF,	RT. GR. etc.) 12. COUNTY OR PARISE 13. STATE
API #30-015-05301 3627 GR	Eddy New Mexic
16. Charle A annoqueto Box To Indigate No.	nture of Notice Panest or Other Date
Check Appropriate box to indicate the	
NOTICE OF INTENTION TO:	SUBSEQUENT EMPORT OF:
TEST WATER SEUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE	PRACTURE TREATMENT ALTERING CASING
SHOOT OR ACIDIZE ABANDON* X	SHOOTING OR ACIDIZING ABANDONMENT*
(Other)	(Other) (Norz: Report results of multiple completion on Well
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly State all pertinent	Completion or Recompletion Report and Log form.)
Propose to P&A as follows: 1. 10 sx 6950-7000. CIBP w/50' cmt. (Perf 2. 25 sx 3194-3550. (Base of Grayburg - Sa 3. 25 sx 2594-2950. (Top of Grayburg - San 4. 25 sx 1894-2250. (Fren Seven Rivers). 5. 25 sx 1294-1650. (Shoe). 6. 25 sx 0-356. (Surface).	n Andres).
	-684-0312 r. Tech. Spec. DATE 12-17-85
(This space for Federal or State office use) (Luting	
APPROVED BY APPROVAL, IF ANY:	DATE 2.28-86

*See Instructions on Reverse Side

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 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

•					Field Ced	7	
7200	P80*	7165	DATUMGI	Elev	GL 3627 ation KB 3640	By: 9	s <u>teinert/Chiv</u> vis
Wellhead Info	rmations						
Intermediat	•: ¹	8-5/8	24	1-55		900-	Surf-circ
Present Perf'	s: From	7042	To	32	Stimulation	500_ga	al acid
	From		To		Stimulation		
Present Open	Hole: S	ize	From	To	Stimulation		
Tubing Data:	Size _2 Jts	<u>-3/8</u> Wt	. Gr 1isc	ade	The 8r	Btmd 9	
Packer Tbg Anchor		(lepth	Tensio	n	Comp	
Miscellaneous	1/	71 Set C	I bridge pl	ug at 7010'.	Well shut in	·	
	·						

PROCEDURE

- 1. Notify BLM of intention to P & A. MIRU PU. NU BOP.
- 2. POH w/one joint 2-3/8", 4.7#, J-55, EUE 8rd tubing w/2" valve.
- 3. TIH w/2-3/8" WS OE. Tag up on CIBP @ 7000'. Dump 50' C1 "C" Neat on top of CIBP. Circulate w/9.5 ppg GBW (25#/bbl Gel). POH.
- 4. POH LD WS to 3550'. Set a balanced cement plug w/25 sx Cl "C" Neat from 3550-3194'. (Base of Grayberg-San Andres plug).
- 5. POH LD WS to 2950'. Set a balanced cement plug w/25 sx Cl "C" Neat from 2950-2594'. (Top of Grayberg-San Andres plug).
- 6. POH LD WS to 2250'. Set a balanced cement plug w/25 sx C1 "C" Neat from 2250-1894'. (Fren Seven Rivers plug).
- 7. POH LD WS to 1650'. Set a balanced cement plug w/25 sx Cl "C" Neat from 1650-1294'. (Shoe plug).
- 8. POH LD WS to 356'. Establish circulation. Cement 4-1/2" casing w/25 sx Cl "C" Neat. POH. (Surface plug).
- 9. Install 4" x 4' steel marker w/well name, well number and well location stenciled or beaded on marker. The marker must be cemented permanently in the ground and the top

Subject TURNER "B" NO. 70

Page No. Of

By RWC Date 10-28-85

8 % X 24 * J-55 @ 1600' W/900 5X 1 Jt 23/8" ENE BRD TBG W/2" valve 1-1-5 Toc @ surf. (circ.)

SALT @ UNK.

OTHER PRODUCING FM.
FREN 7 RIVERS 2200'
GKAYBERG-ZAN ANDRES 2900-3500

7000' C.I. BRIDGE PLUG TO ISOLATE PERFS @ 7042-7058'

7165' PBD

7200' T.D.

4/2×11.6, 9.5# J-55 @ 7200' w/1300 <×

1.10. 4000

FEB 4 1971

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18. I hereby certify that the foregoing is true and correct 2/3/71 Dist. Drlg. Supervisor SIGNED . Tolle().

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ITLE (This space for Federal or State office use) APF..OVED BY Sur A Sua Into Aud olută Aun Jayol CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

H. L. BEEKMIN

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RECEIVED

U. S. LAND OFFICE LAS Graces SERIAL NUMBER 029 395 (b) LEASE OR PERMIT TO PROSPECT

SEP 5 . S. GENERAL SURVEY UNITED STATES RECEIVED ARTESIA, NEW DEPARTMENT OF THE INTERIOR

SEP 5 0 1960

GEOLOGICAL SURVEY

O. C. T. ARTESIA, DEFICE

LOG OF OIL OR GAS WELL

Compar	ny Sinc l	lair Oil 4	Gas Co	many	Addres	520 E Bro	MANAY,	Hobbs,	Her Hexic
Lessor o	or Tract	Turner	ebe sp		Field	Underignated	State	How	Mexico
						Cot			
Location	n 330 f	$\mathbf{t}. \left\{ egin{matrix} \mathbf{N}. \\ \mathbf{c}. \end{matrix} ight\} ext{of } \dots \mathbf{S}$	Line ar	nd 660 . f	t. (E.) of	Line of	. 20	Eleva	tion 3627
\mathbf{Th}	e informat		rewith is	a compl ailable re	lete and correc	t record of the w	rell and al		
Date	Sept. :	23, 1960				Title	Dist. S	20 ta	
			ge is for t	he condit	tion of the well	at above date.			
	rom	9850 On potant: 16/64" che	to	765	No. 4,	from	50	0	
No. 1, f No. 2, f No. 3, f No. 1, f No. 2, f	rom	TISSPR To drilling drilling drilling drill ong with packs with packs	fod 300 300 500 500 500 500 500 500 500 500	MEONIA MEONIA OLI TO IN TO	to 1.3 mm. 100.3	trom from 101 3 from 1	O zins ; Isotwi n-2-3/88 O gals.	efore 1 leg è 1 table Max Pr	å after perforate g to 7014 ess 1000 <i>8</i> ,
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No. 1, f No. 2, f No. 3, f No. 1, f No. 2, f	rom	HILLIAN ALPHANES AND ALPHANES AND ALPHANES PER FINCH	Make Set L-1, real at the second at the seco	Amount To an T	state wind of the well here any change. If the well has state wind of ma kind of succession with the well has passed as a succession with the well with the well with the well with the well as a succession with the well with t	Please state in demande in the casing been dynamited, si terial used, position care and bujed the company of the casing the case of the ca	tail the state of state of state of second s	PAPPE OF TOTAL OF TOT	ha or bailing. barbose c after c perforate perforate perforate perforate
No. 1, f No. 2, f No. 3, f No. 1, f No. 2, f	rom	Threads per inch	Make Wake	Amount To an T	state wind of the well here any change. If the well has state wind of ma kind of succession with the well has passed as a succession with the well with the well with the well with the well as a succession with the well with t	Please state in demande in the casing been dynamited, si terial used, position care and bujed the company of the casing the case of the ca	tail the state of state of state of second s	To— s of pumps of pum	ha or bailing. barbose c after c perforate perforate perforate perforate
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No. 1, f No. 2, f No. 3, f No. 1, f No. 2, f Size casing -3/8	rom from weight per foot	Threads per inch	MnDr MnDr Make Ware	omp of a comp of	to CEMENT TO CEMENT OF OIL OR CO Kind of the well Kind of spoc Kind of spoc Kind of spoc MO 3 SING RECO TO SE WHEN TO SE WH	Mnd Brasità NG KECOKD AS-WELL Please state in de made in the casing been dynamited, given and brige thom Cont and brige thom Loum	d=3004-2 o	To— s of pumps of pum	Interpretation of the property

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Hoovir	a plual	Material		S AND AL			oth set	
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Ааары	ersNiate	eriai	*	Size OTING R		***************		
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Size	Sh	reli used Er	rplosive used	Quantity	Date	Depth shot	Depth cleaned ou	(T
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				:			-	
	·		· ·	TOOLS US	SED		<u> - </u>	
							feet to	
Cable	tools were	used from	Surface feet	to 7200	feet,	and from	feet to	feet
				DATES				
		,						
T	he produc	tion for the first	t 24 hours was	1	barrels of	fluid of which	September 9 % was oil;	60
		% water; and					100	
If	gas Well.	cu. ft. per 24 h	urs	Gal	lons gaso	line per 1,000 c	cu. fc. of gas	
		ure, lbs. per sq. :		1	C	•		
~*	pross.	210, 100. por 54.	1	EMPLOYE	EES			
			, Driller					, Driller
	R	B. Whirley	Driller			H.R.	Jackson	, Driller
	X.	R. Strond	FORM	MATION F	RECORD	7 0	Youan	
FR	ом-	то	TOTAL FEE	er		FORMA	TION	
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26 30	16 93 100 - To	3093 7200	1007	L	ine & Az ine Gi Tates	ndrite & Cy Mydrite MOLOGICAL TO	<u>1145</u>	
26 30	165 193 100 - 70	3073 7206 tail Depth	1007	L	ine & Az ine Gi Tates 7 Rivi	ndrite & Cy hydrite MCLOCICAL TO	11:15 1788	
26 30	1/2	3073 7200 tal Depth TATION SURVES 0 1000 0 2015	1007	L	Tates 7 Rive Queen San A	nydrite & Cy Mydrite MCLOGICAL TO Mrs ndres	1145 1788 2415 3173	
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FORMATION RECORD—Continued

ILLEGIBLE

(SUBMIT IN TRIPLICATE)

GEOLOGICAL SURVEY

UNITED STATES DEPARTMENT OF THE INTERIOR

Land Office Las Crupes

Unit Tuesday 15th 82

RECEIVED

		S AND REPORTS		
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF	WATER SHUT-OFF SHOOTING OR ACIDIZINGETTE	}- □ - □
NOTICE OF INTENTION TO CHANGE NOTICE OF INTENTION TO TEST WA		((ALTERING CASING	1
NOTICE OF INTENTION TO RE-DRILL) 1)	RE-DRILLING OR REPAIR) 1
NOTICE OF INTENTION TO SHOOT O			ABANDONMENT) 1
NOTICE OF INTENTION TO PULL OR		{ /	ISTORY	1 1
NOTICE OF INTENTION TO ABANDOL		·		i i
(INDIC	CATE ABOVE BY CHECK	MARK NATURE OF REPORT, NOTICE, OF	R OTHER DATA)	
				, 19 60
'ell Nois loca	ated 330 ft.	from S line and 660	مضحصس	
(½ Sec. and Sec. No.)		(Range) (Meric	,	
Indesignated.		ounty or Subdivision)	New Markes	*****
(Field)			(State or Territory)	يعفده ديميد او المحافل
ne elevation of the derric	k floor above se	ea level isft.		EMED
	DF	ETAILS OF WORK	AUG	3 : 12
ate names of and expected depths	to objective sands; sh ing points, an	now sizes, weights, and lengths of prop nd all other important proposed work)	posed casings; indicate muddin	
lety Oil & Ges Comm	and this is	70. Tuesday 190 SP.)	47.11th,	
IS 60 meter	248 34	100° (ar thru Salt)	650 make & Q1	re
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			66	etag)
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nos to exill with m	apara poore a	to a depth of apprecia	mark 1200, as a	
ment days. In 1994				
I understand that this plan of we	ork must receive appr	oval in writing by the Geological Surv	ey before operations may be c	ommenced.
ompany Statist	051 & Gas G			
			// .	
ddress P. O. Da	W 1470		//	1.//
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ILLEGIBLE

GPO 862040

1000

500

676

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

 	SEE IN	STRUCTIONS FOR COM	PLETING THIS	ORM ON THE RE	VERSE SIDE	
		· · · · · · · · · · · · · · · · · · ·	SECTION A			
Operator Sincl	air 011 & (Gas Company	Lease Tur	er "B" sp		Well No. 70
Unit Letter	Section 20	Township 17 South	Range 31 Ea	County	Eddy	
Actual Footage L	ocation of Well:				13aak	
330	feet from the	South line and		feet from the	West	line
Ground Level Ele	v. Producing F		Pool	02.00	Ded	icated Acreage:
		· · · · · · · · · · · · · · · · · · ·		7.		
1. Is the Operato	r the only owner in	the dedicated acreage	outlined on the pla	t below? YES	NO ('	'Ouner'' means the person
		d to produce from any po	ol and to appropri	ate the production	either for himself	or for himself and
	-3-29 (e) NMSA 19	735 Comp.) ''no,'' have the interests	of all the owner	heen consolidate	d by communitizat	ion agreement or other-
		If answer is "yes," Typ			d by communitizat	ton agreement of other-
		"no," list all the owner			w: 🖂	CEIVED
Owner			Land	Description		
						AUG 8 1960 -
						GEOLOGICAL SURVEY
		SECTION B				ESIA, HEW MEXICO
		SECTION B			ו ו	RTIFICATION
	Ì		Ī		I hereby certi	fy that the information
11	ļ ·	·	Ì		K I	A above is true and com-
			i		5 E	est of my knowledge and
	i		İ		belief.	
11	!				Name	
					1650	allenhile
				,	Position Div. Cle	rk Prod. Dept.
				,	Company Sinclair	011 & Gas Co.
			 		Date Augu	st 3, 1960
6601					shown on the plotted from f surveys made supervision, and correct to and belief. Date Surveyer	10/50 rofessional Engineer
					1 lot	my Wort
0 330 660	990 1320 1650	1980 2310 2640 2	000 1500	000 500	O Certificate No	676

1/	NO. OF COPIES RECEIVED	1		•			
	DETRIBUTION	4					
	SANTA FE	NE		ONSERVATION COM	MISSION	Form C-104	
		4	REQUEST	FOR ALLOWABLE	र ह त	Supersedes (Old C-104 and C-11
	FILE	-		AND			-65
	U.S.G.S.	. AUTHORIZ	ATION TO TRA	INSPORT OIL AND	NATURAL G	AS	
	LAND OFFICE	4			JUN	1 9 1972	
	TRANSPORTER OIL	4				* · · · · · · · · · · · · · · · · · · ·	
	OPERATOR GAS	4.			П	C. C.	
_	PROPATION OFFICE	4				An Commission	
1.	Operator	<u>.L</u>	· · · · · · · · · · · · · · · · · · ·				
	Atlantic Richfie	eld Company					
	P. O. Box 1978, F	Roswell, New	Mexico 8820)1			
	Reason(s) for filing (Check proper box,	,		Other (Pleas	e explain)		
	New Well	Change in Tra	nsporter of:				
	Recompletion X	Oil	Dry Ga	s 🔲		•	
	Change in Ownership	Casinghead Go	zs Conden	sate			
							
	If change of ownership give name						
	and address of previous owner						
Ħ.	DESCRIPTION OF WELL AND	LEASE					
	Lease Name		l Name, Including Fo	ormation	Kind of Lease		Legse No.
	Turner "B" (B)	72 0	Grayburg Jack	cson Q.G.S.A.	State, Federal	or Fee Federal	LC029395(
	Location				. 		
	Unit Letter 0 : 19	980 Feet From Th	e East Line	and 330	Feet From T	he South	
	Line of Section 20 Tov	waship 17S	Range	31E , NMPN	л,	Eddy	County
III.	DESIGNATION OF TRANSPORT	TER OF OIL ANI	D NATURAL GA	S			
	Name of Authorized Transporter of Oil	or Conder	sate	Address (Give address	to which approv	ed copy of this form is	to be sent)
	Texas New Mex Pipel	line Co.		P. O. Box 151	O, Midlan	d, Texas 797	01
	Name of Authorized Transporter of Cas	inghead Gas XX	or Dry Gas 🗀	Address (Give address	to which approv	ed copy of this form is	to be sent)
	Continental Oil Con	npany		P. O. Box 219	7, Housto	n, Texas 77	001
	If well produces oil or liquids,	Unit Sec.	Twp. P.ge.	Is gas actually connect			
	give location of tanks.	D ! 29	17S 31E	Yes	ı	6-1-72	
	If this production is commingled wit	h that from any atl		····			
	COMPLETION DATA	n that from any ou	mer tease or poor,	Rive comminging orde	r number.	CTB 202	
•••		Oil We	ell Gas Well	New Well Workover	Deepen	Plug Back Same R	es'v. Diff. Res'v.
į	Designate Type of Completion	$\operatorname{on} = (X)$	ς ;		:	X	X
	Date Spudded	Date Compl. Ready	to Prod.	Total Depth		P.B.T.D.	
	9-21-60	6-2-72		7233		71	00'
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing	Formation	Top Oil/Gas Pay		Tubing Depth	
	3708GR	Grayburg Jac		3162'			3372'
	Perforations				· · · · · · · · · · · · · · · · · · ·	Depth Casing Shoe	
	3162, 64, 82, 84, 8	36.3233. 64.6	66. 82 & 86 t			7233'	
	010=, 01, 02, 01,			CEMENTING RECOR	<u> </u>	1200	
	UOL 5 5175		UBING SIZE			SACKE CI	
	HOLE SIZE	8-5/8'		DEPTH S	<u> </u>	SACKS CE	
	11"			1600'	- · · · - · · · · · · · · · · · · · · ·	600 sks ci	
	7-7/8"	4-1/2'		72331		1300 sks ci	rc.
		2-3/8'	עט	3372		 	
		<u> </u>		l		<u> </u>	
V.	TEST DATA AND REQUEST FO	OR ALLOWABLE		ter recovery of total volu		and must be equal to o	exceed top allow-
	OIL WELL		able for this de	pth or be for full 24 hour			
	Date First New Oil Run To Tanks	Date of Test	11 50	Producing Method (Flor	w, pump, gas lif	i, eic.j	/ '
	6-2-72		-11-72	Pump		1 	·
	Length of Test	Tubing Pressure	•	Casing Pressure		Choke Size	λ
	24 hours		0		0	-	
	Actual Prod. During Test	Oil-Bbls.		Water - Bbls.		Gas-MCF	

28

Length of Test

<u>51</u>

GAS WELL
Actual Prod. Test-MCF/D

23

Bbls. Condensate/MMCF

37

Gravity of Condensate

Form (May	

JNITED STATES

SUBMIT IN LIPLICATE.

Form approved.

	MENT OF THE INTER	IOR (Other instructions on re	T 0 0000 0 0 0 0
	CES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL GAS WELL OTHER			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			S. FARM OR LEASE NAME
Atlantic Richfi	eld Company		Turner "B"
3. ADDRESS OF OPERATOR P. O. BOX 1978.	Roswell, New Me:	xico 88201	9. WELL NO.
4. LOCATION OF WELL (Report location ci			10, FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface			Grayburg Jackson
330' FSL & 1980	' FEL (Unit lette	er 0)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
			Sec. 20, T17S, R31E
14. PERMIT NO.	15. ELEVATIONS (Show whether DE	r, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	3708' GR		Eddy N.M.
^{16.} Check Ap	propriate Box To Indicate N	Nature of Notice, Report, or	Other Data
NOTICE OF INTEN	TION TO:	SUBSE	QUENT REPORT OF:
TEST WATER SHUT-OFF	CLL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	IULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
	HANGE PLANS	(Other) Recomplet	ts of multiple completion on Well
(Other)	PATIONS (Claryly state all parting)	Completion or Recom	pletion Report and Log form.) s, including estimated date of starting any ical depths for all markers and zones perti-
66, 82 & 86. T LSTNE acid, and gal of slick 9#	reated perfs 316 ball sealers. brine water. So placed well on	2-3286' w/total c Frac'd w/15,000#	84, 86, 3233.64, of 1000 gal 15% HCl- 20/40 sand in 12,000 Ran 2-3/8" tubing 3/72 well pumped in additional method solding to have a solding and harden to the solding to have a solding to have
18. I hereby certify that the foregoing is	true and correct		
SIGNED	TITLE D	ist. Drlg. Superv	visor DATE 6/14/72
(This space for Federal or State office			
APPROVED BY	TITLE		DATE

*See Instructions on Reverse Side

	N	woper is a
Form 9-3 (May 19		Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOGICAL SURVEY	LC 029395(b)
	SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	Control of the contro
1. OIL WELI	L X WELL OTHER Temporarily Abandoned	TAUNIT AGREEMENT NAME
2. NAMI	E OF OPERATOR	8. FARM OR LEASE NAME
	lantic Richfield Company '	Turner "B" &
	C. Box 1978, Roswell, New Mexico 88201	72 9 10 10 10 10 10 10 10 10 10 10 10 10 10
See a	TION OF WELL (Report location clearly and in accordance with any State requirements.* also space 17 below.) urface	Cedar Lake-Abo
		11. SEC., T., B., M., OR BLK. AND
33	0' FSL & 1980' FEL (Unit letter 0)	Sec. 20, T-17S, R-3
14. PERM	IIT NO. 15. ELEVATIONS (Show whether DF, BT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	3708' GR	Eddy E 2 8 N.M.
16.	Check Appropriate Box To Indicate Nature of Notice, Report, or C	Sther Data & A State
	NOTICE OF INTENTION TO:	Other Data Same Sold Same Same Same Same Same Same Same Same
TES	T WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
FRA	CTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	SA ALTERING CASING
	OOT OR ACIDIZE SHOOTING OR ACIDIZING	ABANDONMENT
	ther) CHANGE PLANS (Other) Temporaril (Note: Report results Completion or Recomple	y Abandon X of multiple completion on Well etion Report and Log form.)
17. DESC	RIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, concred work. If well is directionally drilled, give subsurface locations and measured and true vertical ent to this work.)*	including estimated date of starting any l depths for all markers and zones perti-
	ğ	To do it is to it is
	\$ 6 0.1	the day the da
	This well has been temporarily abandoned in the	
		asing with Chemicall
		보 목표는 등 양원을 하
	to hold the well for possible Grayburg-Jackson	พื้ลี่terflood }
	recompletion. Well Temporarily Abandoned 1/27/	
	nance de la companya de la companya de la companya de la companya de la companya de la companya de la companya	ons ons of the last of the las
	o Dr	nor. to a to bound on the bound of the bound on the bound of the boun
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		in the state of th
	PECEIVE	Indi 1 of 1 1 of 1 1 of 1 1 of 1 1 of 1 1 of 1 1 of 1
		b. tip the first custon, there or particular of the conditions of
	treated water and capped well with 2" 2000# Wood to hold the well for possible Grayburg-Jackson recompletion. Well Temporarily Abandoned 1/27/	

S. GEOLOGIONA STATE OF THE STAT

18. I hereby certify that the foregoing is true and correct SIGNED C. State of	TITLE Dist. Drl	g. Supervisor and DATE	2/3/71
(This space for Federal or State office use)	TITLE	at tor name and to the name at	T :I. najb. t bae
CONDITIONS OF APPROVAL, IF ANY:		inoli inolihin inolihin inolihin inolihin inolihina	STO IN THE STORY OF THE STORY O
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FORMATION RECORD—Continued

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9		312 - 27	Br.30 4	PLUC	S AND A	DAPTER	s Arver	th set
Ō.	Heaving plug	-Material	or.	HAT GOVE	Length	Maria 1	Dep	th set
-	Adapters—M	aterial	BITE IN ELECTION	Ulamaci Ella	_ Size			
	្រូវ	SEC 1/2	7.35	TU OJESHO	OOTINGS	ECORD	ge proof em	war baron 12 f II 🔭
* ***	Size				Quantity			
			.l-,		i	_/		a passer to \$15.
* ****	-0 5177	indra green se	เลาสาน	ar cour	or re tre		parformes	tria-i, rito bares
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	post	1113-11	SE W/20	PER CADE	TOOLS U	SED	हे रूट अध्यक्त	Company to a figure and the
5,743	Rotary tools	were used f	rom	Con Roks fee	t to	feet,	and from	feet tofeet
	Coble toole w	oro Tagar	O TOOO	l tomotas	7231 + 60T	era gest	end from	ce ro tre accessed feet to feet
	97073 07	7.50	F 26 8 3 10 11 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	R PRO VES	The same of the same of	#andarasa 3ti	وه در معرب در المرابع المرابع المرابع	Mark the state of
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		and the second s			!			
	The proc	fuction for	the first E	Mac Al Ja ex	s cl92 ur	parreis of	ruas 5000, re uma oi mõicu	% was oil; %
10-3	emulsion;	% water;	and.	% sediment.	E CT COM	em raci	Gravity, Be-1	13.0°
	If gas we	ell, cu. ft. p	er 24 hour	'S	Ga	llons gase	oline per 1,000 c	u. ft. of gas
	Rock pr	essure, lbs.	per sq. in.	: 200 033	11, 7 - 1/2		الأراج المامع والماس المادوي	u. ft. of gas
	्रेन्स् हें	24 tbg to	7207 W	packer s	EMPLOY	EES) SLĮ(orace Affich	a with autent tooks
				Drille	r		***	Driller
B - *		· Mercine	nt, reve	Driffe	my ska.	रसकर <u>ज्या</u> र शिक्षत्रे हरूने (OF REAL MARK	2 Prilier
3 • ₹	A THE RESERVE	Jackson	55,.55.	FOR	MATION	RECORE	The same	THE STANGER OF BUILDING
	FROM E'14.	er ir 'To	1.2.4	TOTAL FE	ET		FORMAT	ION
		h 100 350	1 + 12 Ca	tare Tar	1977 5 122 x			ION
~~ ~	OTOTAL	alion. 50	eperiore	1 01 200	-58 W/12	albed	rrossare: ec circulated ec	Stoop courts not at sea ting Max Privace 3600,
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REQUEST FOR (OIL) - (GAS) ALLOWARLE NOV 21 1960

New Well Recomplete.

This form small be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletio. The completion date shall be that date in the case of an oil well when new oil is delivported on 15,025 pais at 60° Fahrenheit

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P. O. Box 1470

Midland, Temas

Address

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Budget Bureau No. 42-R358.4. Approval expires 12-31-60. Land Office LEE CYUGES

Lease No. 029395 (b)

the sold report to RECEIVED

Turner "B" SP

751 1 CCEB 2 9 1960

NOTICE OF INTENTION TO E	PRILL	X	SUBSEQUENT REPOR	T OF WATER SHUT-OFF	D. C. C.
NOTICE OF INTENTION TO C			il	T OF SHOOTING OR ACIDIZING	ARTEBIA, DIFICE
NOTICE OF INTENTION TO 1	EST WATER SHUT-OF	F	SUBSEQUENT REPOR	T OF ALTERING CASING	
NOTICE OF INTENTION TO F	RE-DRILL OR REPAIR	WELL	SUBSEQUENT REPOR	T OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO S	SHOOT OR ACIDIZE		SUBSEQUENT REPOR	T OF ABANDONMENT	
NOTICE OF INTENTION TO F	PULL OR ALTER CASIN	IG	SUPPLEMENTARY W	ELL HISTORY	·
NOTICE OF INTENTION TO A	BANDON WELL				
	(INDICATE ABOVE BY	CHECK MARK NAT	URE OF REPORT, NOTI	CE, OR OTHER DATA)	
				September 19,	19 60
8E/4 Sec. 20	17	S 331	E M	ft. from E line	of sec. 20
(14 Sec. and Sec. No.) Undesignated	T')	p.) (Rar	igė)	Meridian)	
(Field)		(County or Su	bdivision)	(State or Territor	y)
The elevation of the o	depths to objective s	DETAILS	OF WORK	proposed casings; indicate m work)	udding jobs, cement-
Binclair Oil & Ges	Company's W	ell No. 72	Turner "B"	SP Lease	
3-5/8°CD casing	24	16001	(or thru self	t) 650 saoks	k circ
4-1/2"OD casing	9. 5#	7300°		1000 saoks	(or coment back into surface casing)
Propose to drill w Abo Reef 6850 to !	ith rotary t TD.	cols to a	depth of app	roximately 7300°	to test the
I understand that this pla	n of work must recei	ve approval in writ	ing by the Geological	RE(CEIVED be commenced.
81n	olair Oil &		_	· · · · · · · · · · · · · · · · · · ·	P23 960
Company			, 		FLOGICAL SURVEY

(R. D. Satterwhite)
Title Chief Clerk, Production Rept.

GPO 862040

ARTESIA, NEW MEXICO

	CEE IN	STRUCTIONS FOR	COMPLETI	NG THIS FORM OF	THE REVERSE S	IDE
	SEE IN	3 TRUCTIONS FOR		ION A	VIIIL REVERSE S.	10.5
perator			Lease	e	8 65	Well No.
	r 011 % Gas (Turner "	T	72
oit Letter O	Section 20	Township 17 South	K	31 Sast	County F ACY	
ctual Footage L	ocation of Well:	C-13h	. 30	960 fee	t from the	1:
ound Level Ele	v. Producing F		ne and Pool	tee tee	t from the	line Dedicated Acreage:
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wner				Land Descript	tion	SEP 2 2 1960
						U. S. GEOLOGICAL SUF
						ARTESIA, NEW MEXI
		SECTION	R			CERTIFICATION
					in SE plete belie Name Posit Comp Sin Date Sep	cion Clerk Frod. Dept.
	EGIB	LE		1980	show plotte surve superand cand be recorded to the recorded to	on on the plat in SECTION B was ed from field notes of actual eys made by me or under my rivision, and that the same is true correct to the best of my knowled belief. Surveyed 9/17/60 stered Professional Engineer or Land Surveyor

May 1963)	NITED STA EPARTMENT OF TH		SUBMIT IN (L) (Other instructions	on re-	Budge 5. LEASE DESIG	approved. t Bureau No.	
	GEOLOGICAL		K verse side) ↑ r ハム	10,		9395 – E	
CLINIDD	Y NOTICES AND R		N WELLS		8. IF INDIAN, A	LLOTTEE OR T	RIBE NAME
	a for proposals to drill or to de e "APPLICATION FOR PERMI			≠ .			
	e "APPLICATION FOR PERMI	10 such prop	OBBLIS. /		7. UNIT AGREEM	ENT NAME	
OIL GAS GAS GAS	OTHER Salt Water	Disposal W	lell		, · , ·		
NAME OF OPERATOR	IL CORPORATION	-			8. FARM OR LEA	ARE NAME	•
	& Gas Company	<u>~</u>)T-1-1968-	-,-	Turner	пВп.	
ADDRESS OF OPERATOR), Hobbs, New Mexic	co 88240			9. WELL NO.	7	
	rt location clearly and in accor		ate requirements.		10. FIELD AND	-	DCAT
See also space 17 below.)	•			1	Codon I		
380' fr North	line and 1980' fr	West line	Sirelais Off Compression	-	11. SEC., T., B.,		ND
	, , , , , , , , , , , , , , , , , , , ,		anto Atlant - Raddield Effective March 4, 199	.~•	Sec. 29	-T17S-R3	31E
4. PERMIT NO.	15. ELEVATIONS (Show whether DF, R			12. COUNTY OR	PARISH 18.	STATE
		3660	O' GR		Eddy	Nev	w Mexico
6.	Check Appropriate Box 1	To Indicate Na	ture of Notice, Repo	rt. or Ot	her Data		
	CE OF INTENTION TO:	1	, ,,	•	NT REPORT OF:		
TEST WATER SHUT-OFF	PULL OR ALTER CAS	ING	WATER SHUT-OFF		1.5	CIRING WELL	
FRACTURE TREAT	MULTIPLE COMPLET		FRACTURE TREATMEN	T		ERING CASING	
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REPAIR WELL	CHANGE PLANS		(Other)		producing		-LJ
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(SUBMIT IN TRIPLICATE) UNITED STATES 101

DEPARTMENT OF THE INTERIOR

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS.	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALICER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subanquent Report of Perforation, I
	& Actificing

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	V	(NI)		
Well No. 13 is locate	ed 300 ft. fr	omline a	nd _ 1980 _ ft. fro	W-1 🗪 = 111
TN/4 Sec 29	178	335		
() Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	1000 NEW WIEW
(Field)	(Cour	nty or Subdivision)		(State or Verylory)
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ped 5 bils new ell à 130 bils fremeties unter in 24 hre.

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71,67970 - Abe - On potential test - well pusped & this new oil and 152 this formation water from performations 60%-7008, 6982-56, 70%-36 & 70%-92 in 2k hours. Final report - washin to imeriage rate of production.

POPM 8-881 a
(Peb. 1961)

AN 2 15 PROPERTY OF THE ENGINEERS AND TH

(SUBMIT IN TRIPLICATE)

UNITED STATES HOOK DEPARTMENT OF THE INTERIOR ENGINEER GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

and Office Las Crucus

No. 029395(b)

Unit Turner "B" SP

SUNDRY NOTICES AND REPORTS ON WELLS

OTICE OF INT	ENTION TO DRILL	SUBSEQUENT REPO	RT OF WATER SHUT-OFF	
OTICE OF INT	ENTION TO CHANGE PLANS		RT OF SHOOTING OR ACIDIZING	
OTICE OF INT	ENTION TO TEST WATER SHUT-OFF	1 11	RT OF ALTERING CASING	į 1
OTICE OF INT	ENTION TO RE-DRILL OR REPAIR WELL	1	RT OF RE-DRILLING OR REPAIR	1 1
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	ENTION TO PULL OR ALTER CASING		ELL HISTORY	1 1
OTICE OF INT	ENTION TO ABANDON WELL			
	(INDICATE ABOVE BY CHECK	MARK NATURE OF REPORT, NOTI	CE, OR OTHER DATA)	
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eder Lak	Mar Abe Edd	7	Hor Herina)
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TRANSPORTER	648	1	
PRORATION OFFI	CE	 	
		 	

Santa Fe. New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWARLE

TRANSPORTER OIL

PRODUCTION OFFICE:

OCT 28 1960

New Well

Separation of the submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well.

Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is deliv-

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Form 9-881a

(SUBMIT IN TRIPLICATE)

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UNITED STATES

Land Office 059395 (b) Turner "B" Sp

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NOTICE OF INT NOTICE OF INT NOTICE OF INT NOTICE OF INT	ENTION TO DRILL TENTION TO CHANGE TENTION TO TEST W. TENTION TO RE-DRILL TENTION TO SHOOT TENTION TO PULL OF	PLANSATER SHUT-OFF L OR REPAIR WELL OR ACIDIZE R ALI'ER CASING	SUBSEQUENT REPORT SUBSEQUENT REPORT SUBSEQUENT REPORT SUBSEQUENT REPORT SUBSEQUENT REPORT SUPPLEMENTARY	ORT OF WATER SHUT- DRT OF SHOOTING OR ORT OF ALTERING CAS DRT OF RE-DRILLING DRT OF ABANDONMEN WELL HISTORY	VELLS D. C. C. ARTECONIC FIDE OFF
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The elevatio		ck floor above	(County or Subdivision) sea level isft, DETAILS OF WORK show sizes, weights, and lengths, and all other important proposes	1	SEP 2 2 1960 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO
			1 Ro. 73. Tuesper "F		
3-5/8"OD &	_	2 <i>1#</i> 9.%	1600° (or thru 7300°	esolt)	3.000 sacks & circ back into sur- face casing)
Propose to No Reef 68	drill with 350° to TD.	rotary too	ls to a depth of ag	proximately	7300° to test the
l understand	Sinclair	ork must receive ap CII & GAS	proval in writing by the Geologic	al Survey before opera	ations may be commenced.
Address	P.O.Bo	z 1470		·	(
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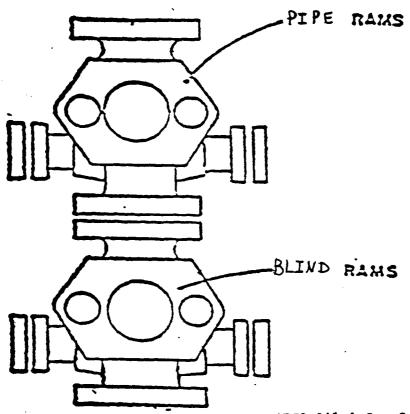
GPO 862040

WELL LOCATION AND ACREAGE DEDICATION PLAT SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE SECTION A Operator Lease Well No. Bincheir Oil & Cop Compan Unit Letter Township Section Range County J. Basi Edar 17 South Actual Footage Location of Well: 194 feet from the feet from the line and line Ground Level Elev. Dedicated Acreage: Producing Formation Pool Abo Ru Acres NO _____. ("Owner" means the person 1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES_ who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.) 2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES_____ NO ____. If answer is "yes," Type of Consolidation __ 3. If the answer to question two is "no," list all the owners and their respective interests below: Owner Land Description SECTION B CERTIFICATION I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Div. I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 9/17/60 Registered Professional Engineer and/or Land Surveyor 330 660 990 1320 1650 1980 2310 2640 2000 1500 500 1000

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Plug 1 2 3 4 5	Interval 3194-3550 2594-2950 1984-2250 675-1395	25 sx 25 sx 25 sx 200 sx 350 sx	Remarks Spot. (B-C) Spot. (T-C) Spot. (From Perf @ 15 Perf @ 13 Perf @ 36 TS indicate Perf @ 17	Grybg/SA) en Seven Rivers) 15'. Could not 95'. CR @ 685' 0'. Pmpd 200 so te TOC @ 200' 5'. Pmpd 100 so	pump into w/10' cmt w/no cir	nist c. woc.	NEW MEXICO
Plug 1 2 3 4 5	Interval 3194-3550 2594-2950 1984-2250 675-1395 0-360 dry hole marke	25 sx 25 sx 25 sx 200 sx 350 sx	Remarks Spot. (B-C) Spot. (T-C) Spot. (From Perf @ 15 Perf @ 13 Perf @ 36 TS indicate Perf @ 17	Grybg/SA) en Seven Rivers) 15'. Could not 95'. CR @ 685' 0'. Pmpd 200 so te TOC @ 200' 5'. Pmpd 100 so	pump into w/10' cmt w/no cir	nist c. woc.	NEW MEXICO
Plug 1 2 3 4 5 Install Well P&	Interval 3194-3550 2594-2950 1984-2250 675-1395 0-360 dry hole marke	Cmt 25 sx 25 sx 25 sx 200 sx 350 sx	Remarks Spot. (B-C) Spot. (T-C) Spot. (From Perf @ 15 Perf @ 13 Perf @ 36 TS indicate Perf @ 17 Perf @ 70	Grybg/SA) en Seven Rivers) 15'. Could not 95'. CR @ 685' 0'. Pmpd 200 so te TOC @ 200' 5'. Pmpd 100 so	pump into w/10' cmt w/no cir	nist c. woc.	NOC. Post ID 2-17-
Plug 1 2 3 4 5 Install Well P&	Interval 3194-3550 2594-2950 1984-2250 675-1395 0-360 dry hole marke A'd 12-14-86	Cmt 25 sx 25 sx 25 sx 200 sx 350 sx	Remarks Spot. (B-Spot. (T-Spot. (From Perf @ 15) Perf @ 130 Perf @ 360 TS indicate Perf @ 170 Perf @ 70	Grybg/SA) en Seven Rivers) 15'. Could not 95'. CR @ 685' 0'. Pmpd 200 so te TOC @ 200' 5'. Pmpd 100 so '. Pmpd 50 sx.	pump into w/10' cmt w/no cir	c. WOC.	NOC. Post ID 2-17-
Plug 1 2 3 4 5 Install Well P&	Interval 3194-3550 2594-2950 1984-2250 675-1395 0-360 dry hole marked A'd 12-14-86	Cmt 25 sx 25 sx 25 sx 200 sx 350 sx cr	Remarks Spot. (B-Spot. (T-Spot. (From Perf @ 15) Perf @ 130 Perf @ 360 TS indicate Perf @ 170 Perf @ 70	Grybg/SA) en Seven Rivers) 15'. Could not 95'. CR @ 685' 0'. Pmpd 200 so te TOC @ 200' 5'. Pmpd 100 so '. Pmpd 50 sx.	pump into w/10' cmt w/no cir	c. WOC.	Pest ID 2-17- P+A
Plug 1 2 3 4 5 Install Well P&	Interval 3194-3550 2594-2950 1984-2250 675-1395 0-360 dry hole marke A'd 12-14-86	Cmt 25 sx 25 sx 25 sx 200 sx 350 sx true and correct Classical chien	Remarks Spot. (B-Spot. (T-Spot. (From Perf @ 15) Perf @ 130 Perf @ 360 TS indicate Perf @ 170 Perf @ 70	Grybg/SA) en Seven Rivers) 15'. Could not 95'. CR @ 685' 0'. Pmpd 200 so te TOC @ 200' 5'. Pmpd 100 so '. Pmpd 50 sx.	pump into w/10' cmt w/no cir	c. WOC.	NOC. Pest ID 2-17-19+A
Plug 1 2 3 4 5 Install Well P&	Interval 3194-3550 2594-2950 1984-2250 675-1395 0-360 dry hole marke A'd 12-14-86	Cmt 25 sx 25 sx 25 sx 200 sx 350 sx true and correct Classical chien	Remarks Spot. (B-C) Spot. (T-C) Spot. (From Perf @ 15 Perf @ 13 Perf @ 36 TS indicate Perf @ 17 Perf @ 70 TITLE Eng	Grybg/SA) en Seven Rivers) 15'. Could not 95'. CR @ 685' 0'. Pmpd 200 so te TOC @ 200' 5'. Pmpd 100 so '. Pmpd 50 sx.	pump into w/10' cmt w/no cir	c. WOC.	Pest ID 2-17- P+A

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	R verse side)	5. LEASE DESIGNATION LC 029395	(B)
SUNDRY NOTICES AND REPORTS-ON (Do not use this form for proposals to drill or to deepen or plug back Use "APPLICATION FOR PERMIT—" for such propo	N WELLS t to a different reservoir.	6. IF INDIAN, ACLOTTER	OR TRIBE NAME
OIL GAB C		7. UNIT AGREEMENT NA	ж
ARCO Oil and Gas Company -Division of Atlanti	c Richfield Company		
3. ADDRESS OF OPERATOR		9. WELL NO.	
P.O. Box 1610, Midland, Texas 79702 1. LOCATION OF WELL (Report location clearly and in accordance with any Sta	ite requirements.*	10. FIELD AND POOL, OF	WILDCAT
See also space 17 below.) At surface		Cedar Lake	
		11. SEC., T., R., M., OR B SURVEY OR ARMA	
330 FNL & 990 FEL (Unit A)		29-17S-31E	
14. PERMIT NO. 15. ELEVATIONS (Show whether DP, RT	T. GR. etc.)	12. COUNTY OR PARISH	
API #30-015-05456 3735 GR		Eddy	New Mexico
16. Check Appropriate Box To Indicate Nati	ure of Notice, Report, or (Other Data	
NOTICE OF INTENTION TO:	SUBSEQ	DENT REPORT OF:	
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT OFF	REPAIRING V	VELL :
FRACTUBE TREAT MULTIPLE COMPLETE	FRACTUBE TREATMENT	ALTERING CA	ASING
SHOOT OR ACIDIZE ABANDON*	SHOUTING OR ACIDIZING	ABANDONME	4T*
REPAIR WELL CHANGE PLANS	(Other)	of multiple completion	on Well
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent d	Completion or Recomp	letion Report and Log for	m.)
Propose to P&A as follows: 1. 25 sx 3194-3550. (Base of Grayburg - Sa 2. 25 sx 2594-2950. (Top of Grayburg - San 3. 25 sx 1984-2250. (Fren Seven Rivers) 4. 220 sx 680-1515. Perfs @ 1515. CR @ 68 5. 140 sx 0-360. Perf @ 360. In & behi	Andres) 30. (Top & btm salt	:, shoe) urface)	
	684-0312 Tech Spec	1	2 - 17-85
SIGNED Den MI Jectrica TITLE Engr	. Tech. Spec.	DATE	± 11 0J
(This space for Federal or State office vise)			

*See Instructions on Reverse Side



ARCO Oil & Gas Company
Division of Atlantic Richfield Company

Blow Out Preventer Program

Lease 'Name	Turner "B"
Well No.	74

10cation 330 FNL + 990 FEL (Unit A)
29-175-31E Eddy Co., NM

BOP to be tested when installed on well and will be maintained in good working condition during drilling. A wellhead fittings to be of sufficient pressure to operate in a safe manner.

DAIL	
AUTH NO.	

Well Name and No	Turner "B" No. 74		Location 330' FNL &
990' FEL, 29-17S-3	BlE, Eddy Co., New Mexico		Drilled1960
Type of Job P&A	•	Fie	eldCedar Lake - Abo
TD PBD	6799' DATUM GL E	levation KB 3748	By: D. Steinert/R. Chivvi
Wellhead Information			
Intermediate	Size 8-5/8" Weight 24#		
Producing Liner	4-1/2" 11.6 9.5	J-55 725	0' 1300 1520 Temp
Present Perfs: From	n NONE To	<u>Holes</u> Stir	mulation
From	т То	Stir	mulation
Present Open Hole:	Size NONE From	To Stir	mulation
Tubing Data: Size Jts.	2-3/8" Wt. 4.7 Grade	. J-55 Thd EU	JE 8rd Btmd @ 3022
Packer Tbg Anchor	Depth	Tension	Comp
Miscellaneous: 3-24-	-65 spotted 25 sx cement 67	99-7126' over CIBP	at 7126' and perfs
	-20-61 sqz Abo 7182-7192' w		

PROCEDURE

- 1. Notify BLM of intention to P&A. MIRU PU. NU BOP.
- 2. POH w/96 joints 2-3/8", 4.7#, J-55, EUE-8rd tubing.
- 3. TIH with 2-3/8" WS OE. Verify PBD at 6799'. Circulate w/9.5 ppg GBW (25#/BBL Gel).
- 4. POH LD WS to 3550'. Set a balanced cement plug w/25 sx Cl "C" Neat from 3550-3194'. (Base of Grayburg San Andres plug).
- 5. POH LD WS to 2950'. Set a balanced cement plug w/25 sx Cl "C" Neat from 2950'-2594' (Top of Grayburg San Andres plug).
- 6. POH LD WS to 2250'. Set a balanced cement plug w/25 sx Cl "C" Neat from 2250-1894'. (Fren Seven Rivers plug).
- 7. Perforate 4-1/2" casing with 4 shots at 1515'.
- 8. TIH w/FBRC and set at 680'. Test annulus to 500 psi. Establish injection rate. POH.
- 9. TIH w/CR and set at 680'. Test annulus to 500 psi. Cement 4-1/2" casing and 4-1/2" x 8-5/8" annulus w/220 sx Cl "C" Neat. Calculated TOC in 4-1/2" x 8-5/8" annulus is 666'. (Shoe, top and base of salt plug).
- 10. Perforate 4-1/2" casing with 4 shots at 360'. Close blind rams. Establish circulation out 4-1/2" x 8-5/8" annulus if possible.
- 11. Cement 4-1/2" casing and 4-1/2" x 8-5/8" annulus with 140 sx Cl "C" Neat. (Surface plug).
- 12. Install 4" x 4' steel marker with well name, well number and well location stenciled or beaded on marker. The marker must be cemented permanently in the ground, and the top should be closed with a screw cap, welding or a cement plug.

Subject TURNER	' 8'	NO.	74	Page No.	
File				By RWC	Date 10-28-85

TOC @ SURF. (CIRC.) SALT @ 736 - 1600 TOC @ 1520' (TEMA SURVEY) 8 1 × 24 + J-55 @ 1600' w/ 776 SX OTHER PRODUCING FM. 1.2 8.077 FREN 7 RIVERS @ 2200' GRAYBERG-SANANDRES 2900-3500' 96 155 23/8 27 -1-55 EVE - BRD 736 6799' PBD. SPOTTED 25 SX ACROSS PERES 7076-7117' 7126 C.I. BRIDGE PLUG TO ISBLATE PERFS. AT 7134-7141 7142 PBQ SQZ PERFS. 7182-7192 W/133 SX 7207' PBD 4%"x 11.6,9.5# J-55@ 7250" W/1300 SX

7250 TD

10. 4090"

Form 9-330 (Rev. 5-63)

UNITED STATES SUBMIT DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

5. LEASE DESIGNATION AND SERIAL NO.

Las Cruces 029395 (b)

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At total depth 88 above At total depth 88 above 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE PARISH	
NEW WORK DEEP DATE DEEP DATE Other APR 1 6 1965 2. NAME OF OPERATOR Sinclair All & Gas Company C. C. C. 3. Address of Operator P. O. Box 1920, Hobbs, New Mexico 4. Location of well (Report location clearly and in accordance with any State requirements)* At surface 330° from the North line and 990° from East line At total depth as above 14. Permit no. Date Issued 14. Permit no. Date Issued 15. Date spudded 16. Date T.D. Reached 17. Date Compl. (Ready to prod.) 17. Date spudded 18. Elevations (DF, Reb, Rt, GB, Etc.)* 19. ELEV. CASING 10-7250° 20. Total Depth, MD a TVD 74. PRODUCING Interval(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECT SULVEY MEAN 16. CASING RECORD (Report all stringe set in well) CASING RECORD (Report all stringe set in well)	
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4-1/2" 9.5# 7-7/8"	ULLED
TABLE MARKET A PARKET	
4-1/2" 11.0% (250, 1-1/2) 1300 Secks None	

29. LINER RECORD 30. TUBING RECORD	<u> </u>
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (LD) PACEDO	T (MD)
	Chicago P.
	<u> </u>
31. PERFORATION RECORD (Interval, size and number) 32. ACID. SHOT, FRACTURE, CEMENT STUEEZE ETC.	<u> </u>
OF THE INTERVAL (MD) AMOUNT AND SIND OF THE REAL US	ED
7113-7117' w/ 40 - 3/8" holes 7076-7117' 1000 Gals. sold w/Bax 2	1 b
70/5-7117' Squess w/25 sks. came	t
PRODUCTION	
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing)	a or
3-18-65 Pumping Shut-in Held F/F	mkuree !
DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL-BBL. GAS-MCF. WATER-BBL. GAS-OIL RAT	10
3-18-65 24 Pumping TEST PERIOD 1/2 - 159 -	
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-AFI (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
M. L. Hoore, Jr.	
35. LIST OF ATTACHMENTS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
33. I hereby termy that the threshing and attached information is complete and correct as determined from an available feedfus	

₩. ₩. O. C. C. COPY

TED STATES SUBMIT IN TR. CATE* Other instructions on reduced Budget Bureau No. 42-R1424. DEPARTMENT OF THE INTERIOR verse side) LEASE DESIGNATION AND SERIAL NO.

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Les	(٠,	" "		020	20	Ŕ	/h

	GEOLOGICAL SU	IRVEY	Coff J.F.	Las Cruo	es 029395 (b
	NOTICES AND REF			6. IF INDIAN, ALLO	OTTEE OR TRIBE NAM
(Do not use this form fo Use "!	or proposals to drill or to deep APPLICATION FOR PERMIT—	en or plug back t " for such propose	to a different reservoir. als.)	÷ .	
OIL GAS				7. UNIT AGREEMEN	T NAME
	OTHER		·	8. FARM OR LEASE	NABOR
•	ir Oil & Gas Compa	mu V		Turner "B	
. ADDRESS OF OPERATOR	71 AT 4 OND ANDLO			9. WELL NO.	- OF TWO DE
P. O.	Box 1920, Hobbs, M	iew Nexico		74	
. LOCATION OF WELL (Report lo See also space 17 below.)	ocation clearly and in accordan	ice with any State	e requirements.*	10. FIELD AND POO	OL, OR WILDCAT
At surface	th line and 990' i	Pana Fast 1	ine of	11. SEC., T., R., M.	e Abo
	315 NM PH Eddy Cov			SURVEY OR	ARDA
				29-T17S-A	3LE
4. PERMIT NO.	15. ELEVATIONS (Sho			12. COUNTY OR PA	ARISH 13. STATE
		3748' DF		Eddy	piew Hexte
6. Cho	eck Appropriate Box To	Indicate Natur	re of Notice, Report, or	Other Data	
	of intention to:	1	• • •	QUENT REPORT OF:	
Γ	٦		Γ	<u> </u>	ING WELL
TEST WATER SHUT-OFF FRACTURE TREAT	PULL OR ALTER CASING MULTIPLE COMPLETE	' 	WATER SHUT-OFF FRACTURE TREATMENT		ING WELL
SHOOT OR ACIDIZE	ABANDON*		17	- · · · · · · · · · · · · · · · · · · ·	ONMENT*
REPAIR WELL	CHANGE PLANS		(Other)		
(Other)				ts of multiple comple upletion Report and L	
		RECE	EIVED		
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		WAR 9	9 1955	26	
		WAR Z	7 1000	ا هي يا آخر کاران کا	
		7.1	9 – 1		
		₄RTESI.4	. DFFICE		에는 기를 선수하다. 기술에 함께
				`,·	
					e Digital
8. I hereby certify that the for	regning is true and coverest				Line 1
	,	Sup	erintendent		3-23-65
SIGNED		TITLE		DATE	
(This space for Federal or	State office use)				
APPROVED BY		TITLE		DATE	·
CONDITIONS OF APPROV		a. #13.e			• •
•		VI ***			-
70 -	(Your) - *c	Instructions on	Rayarsa Sida		
March ?	Jee	manochona on	Werelse Side		

8-5/8									
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								h set	
Aday	pters—Ma	terial					******		
		···	· -	SHO	OTING R	ECORD			
4		Shell used		osive used	Quantity	Date	Depth shot	Depth cleaned out	
			The state of the s						
				1		,	1		
Dot	arv tools v	vere nsed	from		to		and from	feet to	f
ΩOM Ω 1.1	t toolama	manaad fu	Su	rface	7250	foot	and from	feet to	f.
Cab	ic tools we	re usea ir	0111	leet	DATES	1666,	and nom	1666 00	-~ i
			1	O	-	to prod	neina	, 1	G.
	//3 J		, 	0.4 h	L	omole of	for it of which	December 3 oil;	6
	ine prod	uction to	r the first	24 nours was	314	arreis of	nuici of which	29	0
emu	lsion;	-% water	r; and	% sediment.					
	If gas we	ll, cu. ft.	per 24 hou	rs	Gall	ons gasol	line per 1,000 cu	. it. 81 gas	
	Rock pres	ssure, lbs	. per sq. in						
					EMPLOYE			r	· · ·
		Stroud		, Driller			R.	D. whirley	Jru
				, Driller	\$, 1)ril
	He K.	Jackson	1	FORN	MATION R	ECORD			
	FROM-	-	ro <u> </u>	TOTAL FEE	T		FORMATI	ON	
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	1 2		on Survey				Geologic		
	2 0	550 1005	2 • 1-3/4 •	39 8 6 5047			Yates Queen	1597 2575	
	2 9	1.600	1-1	5725			San Andre	s 33 73	
	2-2 6 2 6	2351 29 78 3452	4-3/4	6439 6975			Glorieta Abo Reef	4920	
	~ •		,						
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16-48094-4

ILLEGIBLE

'20" Enrect No. 43-R355.4. Approval expires 12-31-60,

er.s	11.0 25	Mumber :	acts of coment	politica no 3	Lad marty	Avcount of their views
			MUDDING YN	S CENTENNIN	C MECOME.	
					· · · · · · · · · · · · · · · · · · ·	
It is of the	greatest i	mportance to	have a complete hi	OF OIL OR GA	Please state in detail	the dates of redrilling, together ate fully, and if any casing was
detracke d '	or left in t	he well, giye	ils size and location	 If the well has b 	een dynamited, give	ate fully, and it any casing was, date, size, position, and number a dresults of pumping or bailing.
1 –22–60 126 – <i>H</i> . 616 1	ր։ <u>դ</u> ու 725Ω19	D - Bar eads per inen	Electric jos Make Amount	s. Coment ed	7250 of 4-1/	201-10-1-55 201-10-1-9-5 & 11-6 J-55
2, from	Casin	200 aka	20/50 diamix	bine % for	.) a: - Completed -	50/50 diamix plus 6% 4:00 ₀ 4% ll~22~60, WCC.
1-24-60	Top o	Comment	behind 4-1/2	" cag at 152	Di 1/surlace.	Tested 4-1/2" cag.
	24 hr	a before	starting tes	t). Jet per	forsted 4-1/2"	cag [/7]148 to 7160
o. 9, from	9/24	NS pol	es. Treated	perse 4/250°	gare som . we	x Press 5000, inj rat
. 2, mon			ed dry.			1
1-25-60	Acidi	sed perf	7148-60 4/1	en le man s	IP 1750. Test	400, Min Press 3100, ed 4 bbls formation
	gumug -	0ep	ober 27 g, 1	a60 rimisnos	a armingio	ASSESS ST
The sui 7–51–60	HILLIAN I	7118 60	PA SOFIACIONE	off of the well-	1659°5000\$; rev	125' and squeesed off ersed out 3 aks.
J~53~60 tte <u>i</u> r		6, 1960	etainer & con	umt . Taskar	1.3439) lbs pump pressure
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V GC REGER	
					/25°172 % 151411.	ankin zerkholf beckar
cation	33 60 ;:7]	701,	Line and - 1966	L. W. of E	ine of 300 29	Elevation 2735
3-1-60	74 Mad 3	cid task	L'Edite 71	3-92 w/250 g	ls. Max Press	5100, Min Press 4000
ssor or T	នេះប ន់មក េ 🖫	441.4	274-5-2in-S	CP - 305@ agrg S34 ii	LDOG LITY - LC.	TOTAL THE ATT ATTEMN
Aueduu	y 130	SIP 30	O. Symbol	Address		4300, in1 rate 2,0 B
T. JOSYTE						
-2-60	inj I	ate 3.8	BPM, 5 mile S	19-2700, Sva	bing & Posted	s 4100, Kin Press 340
12_3_60	720711	R Abo -	on 24 hour or	otential tes	t - ending 6:00	M INTERO
	93 bb	ls new /	D_O gravity	oil & 221 bb	is formation w	ater thre 36/64" choke
ल्बद? १८००	The P	ess 750, per 2s 711	Cag Press-P 2-7192 at to	p allowable DEBYBINE	NT OF THE IN	pleted as an oil well per selendar days
			-	กท	IITED STATES	RECEIVED
i	1	1	1			
			-		Lrase	or Permit to Progresor
	1	74 0			Serial	NUMBER 029395 (c). OR PERMIT TO PROSPUCT

tier gamman. Virtualities

DIS	TRIBUTION		
BANTA FF		71	
		,	
U.S.G.S.			
LAND OFFICE			
	Q1L		
TRANSPORTER	GAS		
PROBATION OFFI	E	7	
OPERATOR		2	<u> </u>

HEW MEAROURE CONSERVATIF COMMISSION

Santa Fe. New Mexicu.

(Form C-10) . Pevised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWAPLE

DEC 9

1960 New Well Recompletion

This form small be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was left. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

					Hobbs, New)	iexi.oo	Dece	(Date)
ARE H	IEREBY R	EQUESTIN	NG AN ALLO	WABLE FOR	A WELL KNO	WN AS:		
					, Well No	/	., in I E	
(Con	mpany or Op	erator)	- 17e	(Lease)	NI (D) (Cedar	Take Abe	·
Unit Lot	, Sec		., 1+19	., R	, NMPM.,			Po
Ind	ldy	· · · · • • • • • • • • • • • • • • • •	County. Date	e Spudded	0-27-60	Date Drill:	ing Completed	11-21-60
	e indicate l		Elevation	3735	Total D	epth 7	250 PBT	D
			Top Oil/Gas P	ay 7083	Name of	Prod. Form.	Abo Ro	K.
D	C B	A	PRODUCING INT	ERVAL -				
- 1	İ	X		7182-7192				
E 1	F G	H			Domah	70	Depth	. 7170
1	1		Open Hole		Casing	Shoe	Tubir	9 (110
<u>. </u>	KJ	+	OIL WELL TEST	-				~ .
" '	. J	"	Natural Prod.	Test:	_bbls.oil,	bbls wat	er inhx	Chok s,min. Size
	ļ						•	equal to volume o
V I	N O	P						Choke min. Size
1					·,···,	HOLEL I		- min 3176 g
	<u> </u>		GAS WELL TEST					
iu Ir/	/N & 990	17/5	. Natural Prod.	Test:	MCF/Day	; Hours flow	edCho	ke Size
ring ,Cast	ing and Cem	enting Recor	d Method of Tes	ting (pitot, ba	ck pressure, etc.):	·	
Size	Feet	Sax	Test After Ac	id or Fracture	Treatment:	 	MCF/Day; Hou	ers flowed
- K A0	1600	776	Choke Size	Method o	f Testing:			
1-5/8	1000	110	-					
-1/2	7207	1300	i .		Sive amounts of m			d, water, oil, an
	1-01	 	sand): 250	gals, mid s	e1d & 7500	rales reg	ular soid	
-		1	[Casing	Tubing		ew		~/ ~
	7170	the	Press. 75	Press. Pag	oil run to t	anks Dece	mber 3, 1	/60
	7170	thg			Date first n OF oil run to t			
	7170	the	Oil Transport	er Texas-Ke	w Mexico Pi			
2/3/8	7170	thg	Oil Transport	er Texas-Ke				
2/3/8	7170	the	Oil Transport	er Texas-Ke	w Mexico Pi			
2/3/8 marks:	7170	tbg	Oil Transport	er Texas-Ke	w Mexico Pi			
2/3/8 marks:			Gil Transport Gas Transport	er Texas-Ne	Mexico Pi	peline Co	mpany	
243/8 narks:	y certify th	nat the info	Gil Transport Gas Transport	er Skelly (Mexico Pi	peline Ca	y knowledge.	
243/8 marks:	by certify the	nat the info	Gil Transport Gas Transport	er Skelly (Mexico Pi	peline Co	y knowledge.	
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narks: I hereboroved	by certify the	nat the info	Gil Transport Gas Transport	er Skelly (Mexico Pi	ne best of my Company	y knowledge.	
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narks: I hereb	by certify the	nat the info	Gas Transport Gas Transport Transport Gas Transport	er Skelly (nd complete to the Sinclair By: Title	ne best of my Company Company (Signature Description D	y knowledge. LS Company or Operator)	

(SUBMIT IN TRIPLICATE)



Form 9-831 a (Feb. 1951)



Budget Bureau No. 42-R356.4. Approval expires 12-31-60.

Land Office ... Lag. Cratoes...

Lease No. 029395 (b)_

Unit Turner IBW SP RECEIVED

175

NOV 2 1960

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

SUNDRY NOTICES A	N	D REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	I.	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALIER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		
	<u></u> -	

	(INDICATE ABOVE BY	Y CHECK MARK NATURE OF R	EPORT, NOTICE, OR OTHER	R DATA)
		***********	October 24,	, 19_60
Well No74	is located 330	0 ft. from $\begin{bmatrix} N \\ M \end{bmatrix}$ line	and <u>\$990</u> ft. fr	om E line of sec. 29
NE/4 Sec. 29 (4 Sec. and Sec. No.)		7 S 31 E	(Meridian)	
	_			Ser Merico (State or Territory)
The elevation of the	derrick floor ab	ove sea level is	ft.	
		DETAILS OF V	VORK	RECEIVED
(State names of and expected	depths to objective s ing p	ands; show sizes, weights, a pints, and all other importa	nd lengths of proposed ca nt proposed work)	OCT 27 1960
Simpleir Oil & Ges	Company's	Well No. 74, Tur	per "B" SP Les	U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO
8-5/8**OD coming	24#	1600' (or th	iru salt)	650 saoks & ciro
4-1/200D casing	9.5#	73001		1000 sacks (or cement back into surface casing)
Propose to drill :	dth rotary	tools to a depth	of approximat	tely 73001 to test the

Abo Reef 6850' to TD.

Tarandamanand Alica Abda a	-16		a Cantaniani Suman kata	re operations may be commenced.
I Understand that this)	bigu ot more wintt tecetae sb	broast in attend of m	a georgical catash part	re operations may be commenced.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.					
Company	Sinclair Oil & Gas Company				
Address	P. O. Box 1470	1-0 //			
	Midland, Texas	By Chi Sulten hite			
		(R. D. Satterwhite) Title Chief Clerk, Production Dept.			
		GPO 862040			

WELL LOCATION AND ACREAGE DEDICATION PLAT

	SEE IN	ISTRUCTIONS FOR CO	APLETING THI	S FORM O	N THE REVI	ERSE SIDE	
			SECTION	A			
Operator Sincle	ir 011 & 0	as Company	Lease Tu	rner '	Bu SP		Well No. 74
Jnit Letter A	Section 29	Township 17 South	Range 31	East	County	ddy	
STO	feet from the	North line an	d 990	fee	t from the	East	line
round Level Elev		ormation Reef	Pool	Lake	- Abo	Carro .	Dedicated Acreage: Acres
who has the rig another. (65— . If the answer to	ght to drill into an -3—29 (e) NMSA 19 o question one is	nd to produce from any po 935 Comp.)	s of all the own	priate the cers been co	production e	ither for him.	. ("Oumer" means the person self or for himself and zation agreement or other-
		"no," list all the owner			rests below:		
Owner				ad Descrip			KEUEIVED
							OCT 2 7 1000
							OCT 2 7 1960
		····					S. GEOLOGICAL SURVEY
		SECTION B	· · · · · · · · · · · · · · · · · · ·		············	7 /	ARTESIA, NEW MEXICO
			The state of the s		990	n SECTIOn plete to the belief. Name Position Div. Company Sincle	ertify that the information ON A above is true and com- le best of my knowledge and Clerk Prod. Dept. 11 011 & Gas Co. 1960
						shown on plotted from surveys in supervision and belief Date Survey Registere	ertify that the well location the plat in SECTION B was in field notes of actual ade by me or under my in, and that the same is true it to the best of my knowledge to the best of my knowledge of the best of the best of my knowledge of the best of the
<u> </u>							1111/1/10/20

DRY HOLE MARKER TOC @ SURF. (CIRC.) SALT @ 425'- 1476' 8 5/8" x 24 # J55 @ 1600' CEMENT PLUG 3140' - 2940' CEMENT PLUG 4625 4525 CEMENT PLUG 7260'-7160' 4 1/2" x 11.6, 9.5 # J-55@ 7300 CEMENT FLUG 8466-8366 9900' TD

Form 9-331 a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Lease No. 029395 (b)

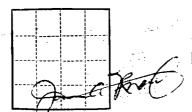
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MAR 3 0 1961

SUNDRY NOTICES AND REPORTS ON WELLS

	ADTES	
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF.	A, OFFIC
IOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.	
IOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.	
OTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
OTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
OTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	1 1
IOTICE OF INTENTION TO ABANDON WELL.		
(INDICATE ABOVE BY CHECK MARK	K NATURE OF REPORT, NOTICE, OR OTHER DATA)	10.43
8i/L San. 28 198	$\begin{bmatrix} N \\ W \end{bmatrix}$ line and $\begin{bmatrix} 660 \\ W \end{bmatrix}$ line of sec.	
(% Sec. and Sec. No.) (Twp.)	(Range) (Meridian)	
ed esignated Eddy (Field) (County	or Subdivision) (State or Territory)	
tate names of and expected depths to objective sands; show sing points, and all	ILS OF WORK izes, weights, and lengths of proposed casings; indicate mudding job other important proposed work)	, cement-
ate names of and expected depths to objective sands; show sing points, and all 9900 - Dry - Set 8 5/200 Gasing If 1 - 7160 to 7190 - Set - 2 Hrs., If 2 - 9730 to 9779 - Punn. 2 Hrs., It hole with heavy and and eat; Sk. Cement Plug 2/ 6366 to 8466	izes, weights, and lengths of proposed casings; indicate mudding job other important proposed work) 3 1608 Casant Circulated Resovered 3794 Black Sulphur Water IFF 1328- FFF 2500- 2ir, SIP 26	
ate names of and expected depths to objective sands; show as ing points, and all 9900' - Dry - Set 8 5/8*00 Gasing Tr 1 - 7160 to 7190'- Abo - 2 Hrs. Tr 2 - 9730 to 9779'- Penns-2 Hrs. Li hole with heavy and and set; Sk. General Plug 1/8366 to 866'	izes, weights, and lengths of proposed casings; indicate mudding job other important proposed work) 3 1608 General Circulated Recovered 3794 Black Sulphur Water IF 1326- FFF 2500- Zir. SIP 26 Recovered 20 Drig. Sul- no show oil.	M ≧ [[
ate names of and expected depths to objective sands; show sing points, and all 9900 - Dry - Set 8 5/200 Gasing If 1 - 7160 to 7190 - Set - 2 Hrs., If 2 - 9730 to 9779 - Punn. 2 Hrs., It hole with heavy and and eat; Sk. Cement Plug 2/ 6366 to 8466	Zes, weights, and lengths of proposed casings; indicate mudding job other important proposed work) 3 1608 Cenant Circulated Resovered 3794 Black Sulphur Water IF 1326-FFF 2500- Zir, SIP 26 Resovered 20 Drig, Mad- no show cdl, IFP & FFF Zero- Zir, SIP 50 JAN 10	PA/ See or V E [[
ate names of and expected depths to objective sands; show sing points, and all 9900 - Dry - Set 8 5/200 Gasing If 1 - 7160 to 7190 - Set - 2 Hrs., If 2 - 9730 to 9779 - Punn. 2 Hrs., It hole with heavy and and eat; Sk. Cement Plug 2/ 6366 to 8466	JAN 10 U. S. GEOLOGIO	M 写 [[
ate names of and expected depths to objective sands; show as ing points, and all 9900' - Dry - Set 8 5/8"OD Gasing T/ 1 - 7160 to 7190'- Abo - 2 Hrs. T/ 2 - 9730 to 9779'- Penn2 Hrs. Li hole with heavy and and set; Sk. Gasent Plug 2/8366 to 8466' 1/7128 to 7225' 1/4525 to 4625' 1/2940 to 3140' 8/2140 to 2240'	Zes, weights, and lengths of proposed casings; indicate mudding job other important proposed work) 3 1608 Cenant Circulated Resovered 3794 Black Sulphur Water IF 1326-FFF 2500- Zir, SIP 26 Resovered 20 Drig, Mad- no show cdl, IFP & FFF Zero- Zir, SIP 50 JAN 10	M 写 [[
ate names of and expected depths to objective sands; show sing points, and all 9900' - Dry - Set 8 5/8'00 Gasing of 1 - 7160 to 7190' - Abs - 2 Hrs. If 2 - 9730 to 9779' - Penn 2 Hrs. Li hole with heavy and and set; Sk. General Plug 1/8366 to 8466' 1/148 to 7225' 1/4525 to 4625' 1/2940 to 3140' 1/2140 to 2240' 1/255 to 1625'	JAN 16 U. S. GEOLOGICA ARTESIA, INEW	L SURVE
tate names of and expected depths to objective sands; show as ing points, and all 9900' - Dry - Set 8 5/2************************************	JAN 10 J. S. GEOLOGICA ARTESIA, HEW	L SURVE
ate names of and expected depths to objective sands; show as ing points, and all 9900' — Dry — Set 8 5/8"00 Gasing Tf 1 — 7160 to 7190' — Abo — 2 Hrs. If 2 — 9730 to 9779' — Penn. — 2 Hrs. Li hole with heavy and and set; Sk. Gasent Plug f/8366 to 8466' f/7128 to 7225' f/4525 to 4625' f/2940 to 3140' f/1525 to 1625' t/3940 to 2240' f/1525 to 1625' t/and of Gellare Fill Gellar & Leve I understand that this plan of work must receive approval is	JAN 10 J. S. GEOLOGICA ARTESIA, HEN To virting by the Casological Survey before operations may be comment writing by the Casological Survey before operations may be comment writing by the Casological Survey before operations may be comment writing by the Casological Survey before operations may be comment of the important proposed casings; indicate mudding job other interpolations in the proposed work) ARTESIA, HEN Writing by the Casological Survey before operations may be comment.	L SURVE
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Form 9-331 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Lease No. 029395 (b)
Turner 12 Por VE D

DEC 2 2 1960

SUNDRY NOTICES AND REPORTS ON WELLSRIESIA, OFFICE

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NOTICE OF INTENTION TO DRILL.			SUBSEQUENT REF	PORT OF WATER S	HUT-OFF	
NOTICE OF INTENTION TO CHANGE	PLANS	XX	SUBSEQUENT REF	ORT OF SHOOTING	G OR ACIDIZING	
NOTICE OF INTENTION TO TEST WA	TER SHUT-OFF		SUBSEQUENT REF	ORT OF ALTERING	G CASING	
NOTICE OF INTENTION TO RE-DRIL	L OR REPAIR WELL		SUBSEQUENT REF	ORT OF RE-DRILL	ING OR REPAIR	
NOTICE OF INTENTION TO SHOOT	OR ACIDIZE		SUBSEQUENT REF	ORT OF ABANDON	IMENT	
NOTICE OF INTENTION TO PULL OF	R ALTER CASING					
NOTICE OF INTENTION TO ABANDO	N WELL					
(INDI	CATE ABOVE BY CHECK M.	ARK NATU	RE OF REPORT, NO	OTICE, OR OTHER E	DATA)	
		ilo	bs, les il	exico, Dec	. 10,	, 19. 60
Well No. 75 is loc	ated 330 ft. fr	om	line and	660 ft. fror	n W line of	sec. 29
N/4 Sec. 29	173	31	•	MEN	, ,	
(¼ Sec. and Sec. No.) Indesignated	(Twp.)	(Rang)	(Meridian)	w Mexico	
(Field)	(Cour	ity or Sub	ivision)	(State or Territory)	
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The elevation of the derive						
	DET	`AILS	OF WORK			
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PROPOSE TO HANGE TO	\$					
Т	o deepen to 99	OÚ fe			Casing 3 's surface o	9900feet an seing
I understand that this plan of w			ng by the Geologi	cal Survey before	operations may be	commenced.
Company Sinclair	O11 & Gas Com	su.		-		
Address 520 = 0 000	sdway, Robbs,	** *** **** **** ***** ***************	Bŷ _y	his	15	m
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\$850 TO-

TOTAL FEET

FORMATION RECORD—Continued [0ARE]

ILLEGIBLE

18-43094-4

FORMATION

ILLEGIBLE

Pungot Pureau No. 42-R255, a ppyrovat expir. > 12-61-60.

Turner B #75

HISTORY OF OIL OR GAS WELL It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. It sings or bridges were put in to test formater, state kind of material used, position, and results of pumping or bailing. Thread per liteh CASING RECORD budded 11. bole 11-6-60. No. 1, from. No. 3, from to 12-8-90 ISL %1 - 1/1/20-1136 ML 5000 ISL 5900 ISL 5900 ISL 5900 ISL 5000 ISL 5 1-6-610:187 /2 - 1/9730:9779 - tool spen 2 has recovered 201 drlg mid. IFF-Zero, No. I, from DAY ROLE to See S. S. I. S. O. No. 4, from to 1-9-61 Ran Electric logs. (Denote gas by G) OIL OR GAS SANDS OR ZONES Commence 10 erck compt high 5/8368.90 gree drilling harmary 10 19 corline well at above date. Asst. Liet. Supt. go far as can be a continued nom al The manager of the control of the co Well No. 75 29 T 175 R ME Address Field Cedar Lake - Abe State East Maxico Milli Lessor or Tract Turner uge Sp Company Sinclair Dil & Cas Company \$20 Last knoudery, Cobia, her herico LOCATE WELL CORRECTLY LOC OF OIL OR GAS WELL Tith portion yes to to GEOLOGICAL SURVEY Sec 21-18-131 DEPARTMENT OF THE INTERIOR OF UNITED STATES Lause on Permir to Egobrect SURTAL NUMBER (25. X F (A)) U.S. LAND OFFICE ... LEE. GITTER Form 9-330

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Land Office ISS CONTREE Loase No. 069366 (b) Unit Turney opn SP

RECEIVED

NOTICE OF INTENTION TO CHANGE PLANS	RING CASING RILLING OR REPAIR DONMENT Y REPAIR 19 60 From W fine of sec. 29 Sew Maxico (State or Territory) RECEIVED NOV 1 1960
Well No. 75 is located 330 ft. from Notice of intention to change plans. Well No. 75 is located 330 ft. from Notice of intention to abandon well. Well No. 75 is located 330 ft. from Report, notice, or other subsequent leaves and see the company of the derrick floor above sea level is ft. DETAILS OF WORK (State names of and expected depths to objective sands; show aisse, weights, and lengths of proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed or ing points, and all other important proposed work) 300 (or thru salt)	RING CASING RING CASING RILLING OR REPAIR DONMENT PR DATA) 28, 19 60 From W fine of sec. 29 RECEIVED NOV 1 1960
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nolair Oil & Gas Company's Well No. 75, Turner "B" SP Lease -5/8"OD casing 24 3600° (or thru salt)	VEH2 TACHORING OF IT
-5/8"OD casing 24# 3600' (or thru salt)	U. S. GEOLÓGICAL SURV ARTESIA, NEW MEXICO
	ARTESTA, NEW MEXICO
1/2000 casing 9.5# 73001	650 saoks & circ
	1000 sacks (or cement back into surface casing)
opose to drill with rotary tools to a depth of approximate to Reef 6850; to TD.	ely 7300° to test the
I understand that this plan of work must receive approval in writing by the Geological Survey befo	ore operations may be commenced.
Company Sinclair Cil & Gas Company	
Address P. O. Box 1470	

Company	Sinclair Oil & Gas Company	
Address	P. O. Box 1470	
	Midland, Texas	By Chi Sattentale
***************************************		(R. D. Satterwhite) Title Chief Clerk, Production Dept.

GPO 862040

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	-	ISTRUCTIONS FOR				
) a said	<u> </u>		SECTI	ON A		W. II N
Operator Sinclair	011 4 08	a Company	Lease	Turner	nga SP	Well No. 75
Jnit Letter S	ection 29	Township 17 Sout		31 East	County	4 y
Actual Footage Loc	ation of Well: feet from the	North line	e and	660 fe	et from the We	St line
Ground Level Elev.	Producing I	Formation Reaf	Pool	Codar Lak	e - Abo	Dedicated Acreage: 40 Acres
who has the righ another. (65-3- 2. If the answer to wise? YES	t to drill into ar -29 (e) NMSA 1 question one is NO	nd to produce from an 935 Comp.) "no," have the inte If answer is "yes,"	y pool and to tests of all the Type of Cons	appropriate the e owners been e	production either	O ("Owner" means the person for himself or for himself and ommunitization agreement or other-
Owner	question two is	"no," list all the ov	whers and thei	Land Descri		
	•					NOV 1 1960 U. S. GEOLIGICAL SURVEY ARTISIA, NEW MEXICO
	Δ ² 1 .	SECTION B				CERTIFICATION
6600					in plot be Na Po D1 Cc	section A above is true and comete to the best of my knowledge and clief. Amelian Clerk Prod. Dept. Dept.
ILLE	EGIB	LE			sh pl so su an	hereby certify that the well location from on the plat in SECTION B was pried from tield notes of actual unveys made by me or under my apervision, and that the same is true d correct to the best of my knowledged belieft?
		1980 2310 2640				

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