	DIL CONSERVATION COMMISSION STATE OF NEW MEXICO	OIL CONSCIONATION
Company or Operator	011 Company Lease	Argo_Q11_Corpore 100
(Local or Field Off	New Mexico Box 1509, lice) (Princi c.15_T_218_R_37E Field Brunson	pal Place of Business)
Kind of Lease Patented	Location of Tanks	Center S/2 of Lease
	ne Address of Transp	orter - Box 4 36, Acbbs, New Mexico cal or Field Office)
Houston, Texas	Percent of oil to be transported 1	00. Other transporters author-
(Principal Place of Business)		
ized to transport oil from this u		0_%
	stion. Allowable to date from 4	-9-51.

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Execute	d this the12th	day of	April	, 1951
Anocato				Company
			(Compa	ny or Operator)
			By	<u> </u>
			FitleDivision_	Exploitetion Engineer
State of	New Mexico)	58.	
County of _	Lea		55.	
	the undersigned a	uthority on this	day personally ap	peared J. D. Savage

Before me, the undersigned authority, on this day personally appeared concerning appeared concerning by me known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the	_1236day of April, 1991
Notary Public in and forCounty,	New Mexico
Approved: H 13 1951	
By July C. 1/114/14/14/14/14/14/14	4
Oil & Gas inspector	 (See Instructions on Reverse Side) .

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.



OIL CONSERVATION COMMISSION Santa Fe, New Mexico

APR 1 3 1951

OIL CONSERVATION COMMISSION

REQUEST FOR (OIL)-(1943) ALLOWABLE

It is necessary that this form be submitted by the operator before an introduction of the signed to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport Oil) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

Hobbs	4-12-51 Date				
	G AN ALLOWABLE FOR A WELL				
			in $32 - 1/4$	SW 1/4	
Company or Oper	Argo ator Lease		1650' FSL &	2310' FWL	
section <u>15</u> , T.218	_, R. 37-E ,N.M.P.MB	runson	Pool Lea	County	
Please indicate locatio	n: Elevation unknown	Spudded 2-27	7-51 Completed	4-9-51	
R-37-E	Total Depth 7991				
	7 011 (0		Notor Dov		
	Initial Production Te	st: 200000	Flow332	BOPD CAR	
	T Based on <u>332</u> Bbls. (
	21 Method of Test (Pitot				
	ZIMethod of lest officer			/•	
	Size of choke in inche				
x	Tubing (Size) <u>4</u>				
	Pressures: Tubing	300 - 700	Casing •	- 150	
	Gas/0il Ratio101	2	Gravity4	20	
Sec. 15	C	asing Perfo	rations:		
Unit letter: <u>K</u>		none			
Unit letter:	Acid Record:		Show of Oil,Ga	s and water	
Openius & Companying Door		70 80	8/		
Casing & Cementing Reco		0	s/		
Size Feet Sax		0	S/		
	Shooting Record.		s/		
13 3/84 225 250	Qtst	0	S/		
	Ots t		S/		
8 5/8" 3100 2000	Qts t		S/		
5 1/2" 7790 500			S/		
	Natural Production Te				
	Test after acid or sh	ot:	Pumping	332 Flowing	
Diance indiante below I	formation Tops(in conforma	nce with ge	eographical sect	ion of state)	
		noe with g			
Southea	astern New Mexico		Northwestern Ne	w Wexico	
T. Anhy	T. Devonian	Т.	0jo Alamo		
T. Salt			Kirtland-Fruit	1 and	
B. Salt			Farmington		
T. Yates	T. Simpson		Pictured Cliff		
T. 7 Rivers			Cliff House		
T. Queen			Menefee Point Lookout		
T. Grayburg			. Mancos		
T. San Andres	1 0		Dakota		
T. Glorieta T. Drinkard	67		. Morrison		
T. Tubbs	_		. Penn		
T. Abo	T	Т.	•		
		(The second seco			
T. Penn	T		•		

(Please supply required information on reverse side of form)

	or gas: Shell Pipe Line
Remarks:	New completion.
	Shell Oil Company
	Company or Operator
	By:
	Signature
	Position: Division Exploitation
Send communications	regarding well to:
	Name: Shall Oil Company
A P P R O V	
OIL C	Address: Box 1457, Hobbs, New Mexico

•



NEW MEXICO OIL CONSERVATION COMMISSION 3 1951 Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES LOCATE WELL CORRECTLY

		She	11 011 C	ompany		Argo Oil Corporation		ation
			Company or	Operator n SW 4	of Sec]	5 Lease	_, <u>T. 21-</u>	5
37-E , N. M. I	Р. М.,	Brunson		_Field,	L	C		County.
ell is 3630 feet								
State land the oil and	d gas lease is	No		Assignem	ent No			
natented land the	owner is		Argo	0il Corr	Addres	s		
Government land th	e permittee i	is	-		, Addres	s		
Lorgeo is		Shell Of	11 Compan	¥	, Addres	s Box 14	57, Hobb	s, New Mexic
tilling commenced	2-27		19 51	Drilling	was completed	4-4	<u>.</u>	19_ 51
ame of drilling cont	ractor	1	Rowan Drl	g. Co.	, Addres	s Ft. Wo	rth. Tex	81
levation above sea le				lable		_		
he information given	is to be kept	t confident	ial until	No	t confidenti	al		19
			OIL SAND	S OR ZON				
o. 1, from 779	0to	799	1	_ No. 4, fro)m	to		
o. 2, from	to)		_ No. 5, fro)m	to_		.
0. 3, from	to	0		_ No. 6, fro	om	to_		
			MPORTANT					
nclude data on rate	of water infl	ow and ele	evation to w	hich water	rose in hole.			
Io. 1, from			_to		fee	et		······································
lo. 2, from			_to		fe	et		
Io. 3, from			_tò	<u>. </u>	fe	et		
Io. 4, from			to		fe	et		
			CASIN	G RECORD)			
WEIGHT SIZE PER · FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFO FROM	RATED TO	PURPOSE
3 3/8" 32.4#		Maylor	2101					Water strin
3 5/8" 28.55#	87	Mixed	3088	Baker		ļ		Salt string
32#	· 8R	¥4 2	1200 PB 1	Taul-ta				Oil string
5 1/2" 17# & 1 2 3/8" 4.7#	5.5# 8R 8R	Mixed	7777'	Hung @	7986	7964	7980	Tubing str
2 3/8" 4,7#	UA	T. T A AD M	• b [7][A. 1 10.00 10				
							L	
		MUDI	OING AND (TEMENTIN	G RECORD			

SIZE OF HOLE CASING WHERE SET NO. SACKS OF CEMENT AMOUNT OF MUD USED MUD GRAVITY METHOD USED 17 1/4* 13 3/8* 11* 8 5/8* Pump & plug 225' 250 2000 Pamp & plug 3100 7 7/8 5 1/2 Pump & plug 500 7790

Heaving p	olug—Material		_Length		Depth Se	t
		RECORD OF X50		CHEMICAL T	REATMENT	
STATE.	MARKER D	CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT TREATED	
		15% type J aci	a 1500 ga	1. 4-8-5	1 7790-7980	
lesults of	shooting or cha	emical treatment	Recovere	d hole los	d of 218 bbls	s. in 4 hrs.
f drill-ste	em or other spec		DRILL-STEM surveys were TOOLS U	made, submit		Reverse Side
	• · · · · · · · · · · · · · · · · · · ·				d from	feet tofeet
						feet_tofeet
Cable too	ls were used tro	IIIIee	PRODUC		u	
		4 -9				
				mole of fluid e	f which 00 8	% was oil: 🚗 %
						_% was oil; =* %
						of gas
						of gas
Rock pres	ssure, lbs. per se	(, in				
			EMPLOY			
						, Driller
<u> </u>	L. Heath, S	r	, Driller			, Driller
			ION RECORD			
I hereby work don	swear or affirn le on it so far as	h that the information can be determined fr	n given herew om available r	ith is a compl ecords.	lete and correct r	ecord of the well and a
Subscribe	ed and sworn to	before me this 12t	h	Hobb	s. New Mexico Place	4-12-51 Date
day of	April		, 19 51	Name J	D. Savage	J. U. Sanage

Subscribed and sworn to before me this 12th	Hobbs, New Mexico Place	4-12-51
Subscribed and sworn to before me this		Date
day of, 1951, 1951,	Name J. D. Savage	D. Sawaye
•	Position Division Exploite	ion Engineer
Notary Public	Representing Shell Oil Comp	ompany or Operator.
My Commission expires 20 Carry cion Expires Sept. 16, 195-	Address Box 1457, Hob	s, New Mexico

FORMATION RECORD

5000 7424 7742	5000 2424	No samples Dolomite w/streaks lime, shale & anhydrite
7935 7965 7983 7991 7991	318 193 30 18 8	Sand & shale w/streaks lime Dolomite & lime Sand Granite wash Granite
GER TOPS: er lime er dolomite ash	7780 7841 7965 7983	
70-7814 Sper Ellenbu ime section)	rger dolomi	5/8" BC & 1" TC on 3 1/2" DS. Tool open 30 min. te- Gas in 9 min. Volume too small to measure. Pulled 52 stands before dark. Broke circulating sub & reversed out recovery. From oil in pits & under circulating sub estimated recovery 270' (2.0 bbls.) mud-cut oil. FBHP 100 psi. 15 min. SIBHP 2050 psi. HMH 4100 psi. Chart under bottom packer indicates effective separation. Positive Test.
	7965 7983 7991 7991 GER TOPS: er lime er dolomite rash 70-7814 pper Ellenbu	7965 30 7983 18 7991 8 7991 8 7991 8 7991 8 7991 8 7991 8 7991 8 7991 8 7991 8 7991 8 7991 8 7991 8 991 8 7991 8 991 8 991 8 991 8 991 8 991 8 991 8 991 9 9841 7965 7983 7983 70-7814 7



NEW JEXICO OIL CONSERVATION COM' SSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

APR 1 3 1951

Submit this report in triplicate to the Oil Conservation Commission District Office within ten d **DiscONSERVATION COMMISSION** is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting **POBS CFFICE** of casing shut off, result of plugging of well, and other important operations, even though the **conditional methods** by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON ALTERIN	PULLING OR OTHERW	ISE
ALTERIN	PULLING OR OTHERW	ISE
REFORT ON	DEEPENING WELL	
h 10 61	Hobbe Net	. Merico
	novos, not	Place
Argo	Well No	in the
Lea		County.
4-9-51		
itted on Form C-102 on	4-9-51	
WORK DONE AND RESI als. 15% type J ac	ULTS OBTAINED cid. Then acidize	d. 77 90-
	ppie). Treated () J acid. Total oil ed flowing on pote	
j	4-10-51 Date Date Date Date Date Date Argo Lease T 21-S Leas 4-9-51 itted on Form C-102 on ed. (Cross out incorrect wo NORK DONE AND REST als. 15% type J ac above permeter nij	4-10-51 Hobbs, New Date Date btained under the heading noted above at the Margo Argo Well No

Witnessed by J. K. Pevehouse Name	Shell Oil Company Production Foreman
APPROVED: OIL CONSERVATION COMMISSION Name Oil & Gas Inspector Title	I hereby swear or affirm that the information given above is true and correct. Name J. D. Savage Position Division Exploitation Engineer
Oil & Gas Inspector APR 1 3 1951 Date 19	RepresentingShell Oil Cémpany Company or Operator Box 1457, Hobbs, New Mexico

Form C-108 SANTA	ATION COMMISSION	APR 1 3 1951
SANTA SANTA	Reports on Wells	OIL CONSERVATION COMMISSION HOBBS-OFFICE
Submit this report in triplicate to the Oil Conservation specified is completed. It should be signed and sworn tions, results of shooting well, results of test of casin tions, even though the work was witnessed by an age	on Commission or its proper agent within ten n to before a notary public for reports on beging ng shut off, result of plugging of well, and ot ent of the Commission. Reports on minor ope tional instructions in the Rules and Regulation e of report by checking below.	days after the work inning drilling opera- her important opera- erations need not be as of the Commission.
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON REPAIRING WELL REPORT ON PULLING OR OTH	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	ALTERING CASING REPORT ON DEEPENING WEI	

х

		Date	
OIL CONSERVATION COMMI SANTA FE, NEW MEXICO. Gentlemen: Following is a report on the w	ork done and the results obtain	ned under the head Argo	ling noted above at the 6
Shell Oil Comp	Operator	Lease 21-S	, R
sw/4		1120	County.
Brunson	Field	8-51	23
The dates of this work were a	s follows:	Form C-102 01	4-6- 19.51

4-9-51

Hobbs, New Mexico

Place

The dates of this work were as follows:..... 4-6-

Notice of intention to do the work was (was not) submitted on Form C-102 on......

REPORT ON RESULT OF TEST OF CASING SHUT-OFF

REPORT ON RESULT OF PLUGGING OF WELL

and approval of the proposed plan was (was how obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After NOC 48 hours tested 5 1/2" casing before and after drilling

plug w/1000 psi. for 30 min. Tests 0.X.

compa swear nd corr	or affirm that the ect. E. Slagle	Title e information given above
nd corr L.	E. Slagle	f. E Elagi
	Shell Oil C	Company or Operator
3		Hobbs, New Mexico
		Box 1457, 1

-

- V Lally

档·R 11 1951

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

OIL CONSERVATION COMMISSION HOBBS-OFEICEto

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work spectric is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL
NOTICE OF INTENTION TO DEEPEN WELL	
	Hobbs, New Mexico 4-9-51
	Place Date
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico	

Gentlemen:

Following is a notice of intention to Shell Oil Company	do certain work as do Argo	escribed below at the	No. 6 in SW/4
Company or Operator	Lease		
of Sec. 15	, R	., N. M. P. M., Brunson	Field.
T ee	German		

Lea____County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

We propose to treat open hole interval 7790 to 7838 feet with not

more than 2000 gallons 15% acid.

APR 1 2 1951

	Shell 011 Company
Approved	Company or Operator
except at follows:	2 N 18 🗸
	By J. D. Savage
	a sur
	Position Division Exploitation Ingineer Send communications regarding well to
OIL CONSERVATION COMMISSION,	Name Shell Oil Company
OIL CONSERVATION COMMISSION,	Address Box 1457, Hobbs, New Mexico
Title /Oil & Gas Inspector	
j lj	

Form C-102					
	UPLICAT				

NEW MEXICO OIL CONSERVATION COMMIS_.ON

SANTA FE, NEW MEXICO MISCELLANEOUS NOTICES

APR 1 1 1951

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified in available, begin. A copy will be returned to the sender on which will be given the approval, with any notificate to the sender of advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be to the followed of the sender of the plan work should not begin until approval is obtained. See additional instructions in the Rules and restrictions of the Commission.

Indicate nature	e of	notice	by	checking	below:
-----------------	------	--------	----	----------	--------

NOTICE OF INTENTION TO TEST CASING	T	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
SHUT-OFF NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL	-	NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL	-		
	1	Robbs, New Mexico 4-6-51	••••••

OIL CONSERVATION COMMISSION, Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certa	ain work as described	below at the	د
Following is a notice of intention to do certa Shell Oil Company Company Company	Argo	Well	NoQin
Company or Operator	Lease	Barrow do B	Field
Company or Operator of Sec. 15. T. 21-8. R.	37-E N. M.	P. M.,Brunson	

Lea

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 5 1/2" casing & cemented @ 7790' w/500 sax regular. Plug down @

5:00 AM, 4-6-51. After WOC 48 hours will test casing.

	1	1	1951
ADR	- 1	<u> </u>	10-

Approved 19	Shell Oil Company Company or Operator
Approved, except at follows:	By L. E. Slagle
	Position <u>Division Mechanical Engineer</u> Send communications regarding well to
OUL CONSERVATION COMMISSION,	Name Shell Oil Company
OIL CONSERVATION COMMISSION, By 1 Ui 1/CUUK 4 UUI Oil & Gas Inspector	Address Box 1457, Hobbs, New Mexico
Title Oil & Gas Inspector	