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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-103
Supersedes Old
O-102 and O-101
Effective 1-1-43

5a. Indicate Type of Lease
State <input type="checkbox"/> Free <input checked="" type="checkbox"/>
5. State of <input type="checkbox"/> 38. Lease No.

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.
SEE "APPLICATION FOR PERMIT" - 17, WORKING CIRCULARS FOR SUCH PROPOSALS.

1. <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER	2. Name of Operator Mallard Exploration, Inc.
3. Address of Operator 100 Wilcox Building, Midland, Texas, 79701	4. Location of Well UNIT LETTER P 660 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 25-S RANGE 36-E
15. Elevation (Show whether DF, RF, GR, etc.) 3,648' LF	16. Lease Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CEMENTING DRILLING OPER. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe in detail or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated time of starting and completion.) SEE RULE 1103.

Began Plug & Abandonment procedure on 8-4-76. Set Baker retainer 2 11/16" on top of two Baker "F" permanent type packers. Pumped 100 sx Class H cement w/0.5% HR-4/100 sx cmt below retainer, into & across perfor. 3 1/2" & 170' pulled 176 jts (1408') 7" csg, spotted 30 sx plug from 5270' to 5300' (8' in 7" & 50' out). * Pulled up to 5270', spotted 45 sx plug from 5270' to 5275' (9-5/8" shoe plug). A pipe recovery log was run inside 9-5/8" csg to 5,000'. The results were, pipe was bonded from 540' to surface (12-1/2" csg). Therefore, no 9-5/8" csg was pulled. Spotted 60 sx plug from 5,000' to 5,060' inside 9-5/8" csg, spotted 10' plug at surface. Welded plate on 12-1/2" csg and installed dry hole marker, cleaned and levelled location, & filled pits. All cmt plugs were Class "H" Cement w/0.5% HR-4 per sack. Mud weight was 11.2 ppg. Completed P&A work on 8-19-76.

Very of 1408' of 7" csg, there was 9,937' of 7" csg left in the hole. 4-1-77 was also left in the hole.

True and complete to the best of my knowledge and belief.
Thomson
Myman

Mgr., Drlg. & Prod.

9-21-76

NOV 30 1976

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
1. State Oil & Gas Lease No.	

SUNDY 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 "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Mallard Exploration, Inc.	8. Form of Lease Name Alves
3. Address of Operator 200 Wilco Building, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER P 660 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 20-S RANGE 36-E N.M.P.M.	10. Field and Pool, or Wildcat North Osudo (Morrow)
15. Elevation (Show whether DF, RT, GR, etc.) 3,648' DF	12. County Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Rig up unit. Load hole w/9.5# brine. Remove tree and install BOP. Release tubing from pkr. Spot 30 sk cement plug from 11,862' to 12,258'. Circ hole w/9.5# brine. Pull tubing. Cut 7" casing @ \pm 6,000' or above free point & POH. Run tubing 50' into 7" stub & spot Plug #2 with 35 sks. 50' in and 50' out of 7" stub. Pull tubing to 5850' & spot Plug #3 with 50 sks from 5,850' to 5,750' (T/Glorietta). Pull tubing to 5,270' & spot Plug #4 with 45 sks from 5,270' to 5,170'. Pull tubing. Cut 9 5/8" casing @ + 2,500' or free point & POH. Run tubing 50' into 9 5/8" stub & spot Plug #5 with 100 sks 50' in and 50' out of 9 5/8" casing stub. Pull tubing to 457' and spot Plug #6 with 90 sks from 457' to 357'. Pull tubing and spot Plug #7 with 10 sks at surface. Weld steel plate on 13 3/8" casing w/4" pipe extending 4' above GL. Clean up location & weld dry hole marker at surface.

Note: If 7" casing is cut above 5,750', Plug #3 will be disregarded. Top of salt is @ 1,790' & bottom of salt @ 3,140'. If salt section should be exposed by pulling of 9 5/8" casing, an additional plug of 100 sks (100') will be spotted both above and below this section.

THE COMMISSION MUST BE NOTIFIED 24 HOURS BEFORE THE COMMENCEMENT OF ANY WORK FOR THE C-103

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

SIGNED Bob Schmucker Bob Schmucker TITLE Agent DATE 3-26-76

APPROVED BY [Signature] TITLE 50 DATE MAR 2

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

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 "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Mallard Exploration, Inc.	8. Name of Lessee Alves Com
3. Address of Operator 200 Wilco Bldg., Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE, SECTION <u>6</u> TOWNSHIP <u>20-S</u> RANGE <u>36-E</u> NMPM.	10. Field and Pool, or Acreage North Osuda (Morrow)
15. Elevation (Show whether <u>GR</u> , etc.) 3,636'	11. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
FILE OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well is currently shut-in and preparations are being made to plug and abandon. As soon as we have the full approval of our interest owners, we will file a copy of our intended P&A Procedure with the NMOCC.

Ex-pure 11/77

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

R. H. K. Pace

TITLE Production Clerk

DATE 2-2-76

Gerry Septon

SUPERVISOR DISTRICT

APPROVAL (ANY)

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	GAS
OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

70 APR 20 1970

I. OPERATOR

Operator Mallard Exploration, Inc.

Address 1306 V & J Tower, Midland, Texas 79701

Reason(s) for filing (Check proper box)

New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	Other (Please explain) Change of Operator Effective 4-1-70
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>		

If change of ownership give name and address of previous owner Mallard Petroleum, Inc., 1206 V & J Tower, Midland, Texas 79701

II. DESCRIPTION OF WELL AND LEASE

Lease Name Alves Com.	Well No. 1	Pool Name, including Formation North Osudo-Morrow	Kind of Lease State, Federal or Fee Fee	Lease No.
Location				
Unit Letter P : 660 Feet From The South Line and 990 Feet From The East				
Line of Section 6 Township 20-S Range 36-E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
The Permian Corporation	P.O. Box 3119, Midland, Texas 79701
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Llano, Inc.	Box 2215, Broadmoore Center, Hobbs, N. Mexico
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When?
Unit P Sec. 6 Twp. 20-S Rge. 36-E	Yes 11-2-67

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res. <input type="checkbox"/>	Diff. Res. <input type="checkbox"/>
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Wayne A. Munson
 (Signature) **Wayne A. Munson**
 Production Superintendent
 (Title)
 April 6, 1970
 (Date)

OIL CONSERVATION COMMISSION

APPROVED APR 16 1970
 BY [Signature]
 TITLE SUPERVISOR DISTRICT

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multi-

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TRANSPORTER	OIL GAS
OPERATOR	
PRORATION OFFICE	

AM 9 00
'67 DEC 19

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. OPERATOR

Operator: Mallard Petroleum, Inc.

Address: 1206 V & J Tower, Midland, Texas

Reason(s) for filing (check proper box)

New Well ☒ Change in Transporter of: ☐ Other (Please explain)

Recompletion ☐ Oil ☐ Dry Gas ☐

Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner _____

CHANGE
OK

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Alves</u>	Lease No. <u>1</u>	Well No. <u>1</u>	Foot Name, including Formation <u>North Osada-Morrow Gas</u> <u>Wildcat (Morrow) R-3742</u>	Kind of Lease State, Federal or Fee <u>Fee</u>
Location				
Unit Letter <u>P</u>	<u>660</u>	Feet From The <u>south</u> Line and	<u>990</u>	Feet From The <u>east</u>
Line of Section <u>6</u>	Township <u>20-S</u>	Range <u>36-E</u>	NMPM, <u>Lea</u>	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>The Permian Corporation</u>	<u>Box 3119, Midland, Texas</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Llano, Inc.</u>	<u>Box 2215, Broadmoore Center, Hobbs, New Mexico</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>P 6 20-S 36-E No 11-2-67</u>

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Rea'n	Diff. Rea'n
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Date Spudded <u>July 22, 1967</u>	Date Compl. Ready to Prod. <u>October 15, 1967</u>	Total Depth <u>12,396'</u>	P.B.T.D. <u>12,308'</u>					
Elevations (DF, RKB, RF, GR, etc.) <u>3648' DF</u>	Name of Producing Formation <u>Morrow Sand</u>	Top Oil/Gas Pay <u>12,100'</u>	Tubing Depth <u>11,362'</u>					
Perforations <u>12,100-12,258'</u>	Depth Casing Shoe <u>12,396'</u>							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
<u>17 1/2"</u>	<u>13 3/8"</u>	<u>407'</u>	<u>370 sx</u>					
<u>12 1/4"</u>	<u>9 5/8"</u>	<u>5220'</u>	<u>840 sx</u>					
<u>8 3/4"</u>	<u>7"</u>	<u>11345'</u>	<u>750 sx</u>					
<u>6"</u>	<u>4 1/2" Liner</u>	<u>Top 10,285, bottom 12,396'</u>	<u>350 sx</u>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D <u>2580</u>	Length of Test <u>24</u>	Bbls. Condensate/MCF <u>105</u>	Gravity of Condensate <u>50.2</u>
Testing Method (pilot, back pr.) <u>2" x 2" meter run</u>	Tubing Pressure <u>4340</u>	Casing Pressure <u>Packer</u>	Choke Size <u>25/64"</u>

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

R. W. Keener
(Signature)
Production Superintendent
(Title)
October 27, 1967
(Date)

OIL CONSERVATION COMMISSION

APPROVED 1967
BY _____
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of name, well name or number, or transporter, or other such change of condition.
See also Form C-104 for use as a record of well data.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section.

Operator Mallard Petroleum, Inc.			Lease 187 Alves		Well No. 1
Unit Letter P	Section 6	Township 20-S	Range 36-E	County Alameda	
Actual Footage Location of Well: 660 feet from the south line and 990 feet from the east line					
Ground Level Elev. 3636	Producing Formation Morrow		Pool Wildcat	Dedicated Acreage 6.40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

MALLARD PETROLEUM, INC.		100% WI
TRAVIS JORDAN Et Al		50% RI
SHELL OIL CO.		50% RI
SECTION 6, Twp. 20-S, Rng. 36-E		
MALLARD PET., INC.		100% WI
CHAS. S. ALVES, Trustee		50% RI
SHELL OIL CO.		50% RI

CERTIFICATION

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

Homer Olsen, Jr.

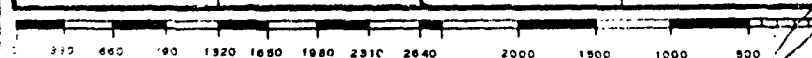
Name Homer Olsen, Jr.
Position Petroleum Engineer
Company Mallard Petroleum, Inc.
Date July 6, 1967

I hereby certify that the well location shown on this plat 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 JUNE 28, 1967

Surveyed by [Signature]

Certification No. 784



MALLARD PETROLEUM, INC.
1206 V & J Tower
Midland, Texas

Oct 30 3 01 PM '67

MAIN OFFICE

Oct 25 7 AM '67

October 25, 1967

DEVIATION TESTS

ALVES #1 WELL

400'	1/2°	7234	3 1/4
610	1/2	7366	3
868	3/4	7453	3 1/4
1572	3/4	7556	2 3/4
1786	1/4	7649	2 1/2
2011	3/4	7712	2 1/2
2166	3/4	7806	2
2340	3	7900	2 3/4
2430	1 3/4	7994	2 1/2
2525	3/4	8065	3
3141	1/2	8328	3 1/2
3459	1	8552	3 3/4
3503	3/4	8875	1 3/4
3782	1 1/2	9196	1 1/4
4026	1 1/4	9683	1/4
4380	1	10180	2
4610	1 1/2	10275	2
4799	1	10400	2 1/4
5110	1 1/4	10531	1 3/4
5221	1 1/4	10710	1 3/4
5664	1	10953	2 1/4
6220	1 3/4	11213	2 3/4
6680	3 1/2	11464	3 1/4
6816	3 1/4	11672	3
6899	4	11977	3 3/4
6952	3	12203	3
7088	3	12364	3 3/4
7170	3 3/4		

R. W. Keener

R. W. Keener, Production Superintendent

Sworn and Subscribed to before me, this the 25th day of October, 1967.

John H. H. H.

Notary Public in and for Midland County,
Texas

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE November 2, 1967

This is to notify the Oil Conservation Commission that connection for
the purchase of gas from the Mallard Petroleum, Inc. Alvis
Operator. Lease

P 6-20-S, R-36-E Wildcat Llano, Inc.
Well Unit S. T. R. Pool Name of Purchaser

was made on November 2, 1967

Llano, Inc.
Purchaser

R. F. Montgomery
R. F. Montgomery
Representative

President
Title

c/ To operator
Oil Conservation Commission - Santa Fe

*****CORRECTION AS TO PURCHASER*****

OIL CONSERVATION COMMISSION

BOX 2045

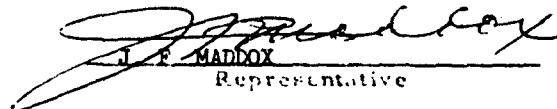
HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE NOVEMBER 2, 1967

This is to notify the Oil Conservation Commission that connection for
the purchase of gas from the MALLARD PETROLEUM, INC. ALVIS
Operator Lease
P 6-20-S, R-36-E Wildcat New Mexico Electric Service Co.
Well Unit S.T.R. Pool Name of Purchaser
was made on November 2, 1967

NEW MEXICO ELECTRIC SERVICE COMPANY
Purchaser

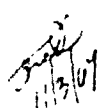

J. F. MADDOX
Representative

'67 Nov 3 PM

PRESIDENT

Title

cc: To operator
Oil Conservation Commission - Santa Fe



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TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

Oct 30 1967

I. OPERATOR

Operator: Mallard Petroleum, Inc.

Address: 1206 V & J Tower, Midland, Texas 79701

Reason(s) for filing (check proper box):

New Well: ☒ Change in Transporter of: Oil ☐ Dry Gas ☐
 Permitting Location: ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership: ☐

Other (if leave explain): PERMISSION TO SILL 250 BARRILS OIL RECOVERED WHILE TESTING TO PERMIAN CORPORATION.

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Lease No.	Well No.	Pool Name, Including Formation	Kind of Lease
<u>Alves</u>		<u>1</u>	<u>Wildcat</u>	State, Federal or Fee <u>Fee</u>
Location				
Unit Letter <u>P</u> : <u>660</u> Feet From The <u>south</u> Line and <u>990</u> Feet From The <u>east</u>				
Line of Section	Township	Range	County	
<u>6</u>	<u>20-S</u>	<u>36-E</u>	<u>Lea</u>	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>The Permian Corporation</u>	<u>Box 3119, Midland, Texas</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>P 6 20S 36E</u>

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'n.	Dist. Res'n.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (psol, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

R. W. Keener
 (Signature)
 Production Superintendent

October 25, 1967
 (Date)

OIL CONSERVATION COMMISSION

APPROVED OCT 28 1967
 BY [Signature]
 TITLE CLERK

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiply completed wells.

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

SUNDY 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 "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Mallard Petroleum, Inc.	8. Form or Lease Name Alves
3. Address of Operator 1206 V & J Tower, Midland, Texas	9. Well No. 1
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>990</u> FEET FROM THE <u>east</u> LINE, SECTION <u>6</u> TOWNSHIP <u>20-S</u> RANGE <u>36-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
11. Elevation (Show whether DF, RT, GR, etc.) 3648' DF	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. 10-1-67 TD 12,396'.
2. 10-2-67 Ran Induction Electric Log, Gamma Ray Sonic and Microlog from 11,345-12,396'.
3. 10-3-67 4 1/2" 11.6# N-80 liner from 10,985-12,396'. Cemented with 350 sx cement. WOC 24 hours.
4. 10-13-67 Tested 4 1/2" and 7" casing to 4000# for 30 minutes; tested OK. Set Baker Model "F" 7" packers @ 10,939', and 10,945'.

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

SIGNED MW Keener TITLE Production Superintendent DATE October 24, 1967

APPROVED BY [Signature] DATE OCT 26 1967

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 1-1-65

1. Indicate Type of Lease
State ☐ Fee ☒
2. State Oil & Gas Lease No.

10. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				7. Unit Agreement Name	
11. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESERV. <input type="checkbox"/> OTHER _____				8. Farm or Lease Name Alves	
12. Name of Operator Mallard Petroleum, Inc.				9. Well No. 1	
13. Address of Operator 1206 V & J Tower, Midland, Texas				10. Field and Loc., or Acreage Wildcat	
14. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>990</u> FEET FROM <u>east</u> LINE OF SEC. <u>6</u> TWP. <u>20-S</u> RGE. <u>36-E</u> NEWM.				11. County Lea	
15. Date Spudded 7-22-67	16. Date T.D. Reached 10-1-67	17. Date Compl. (Ready to Prod.) 10-15-67	18. Elevations (DF, RKB, RT, GR, etc.) 3648' DF	19. Elev. Casinghead 3633	
20. Total Depth 12,396'		21. Plug Back T.D. 12,308'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Rotary	24. Cable Tools
25. Producing Interval(s), of this completion - Top, Bottom, Name 12,100-12,258' Morrow				26. Was Directional Survey Made Yes	
27. Type Electric and Other Logs Run I-ES, GR-S, and Microlog				28. Was Well Cored No	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	407	17 1/2"	370 sx	None
9 5/8"	36# & 40#	5,220	12 1/4"	840 sx	None
7"	23#, 26# & 29#	11,345'	8 3/4"	750 sx	None
30. LINER RECORD			31. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
4 1/2"	10,985'	12,396'	350 sx	-	10,939'
32. Perforation Record (Interval, size and number)			33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
12,100-12,104' 2 .31" hole/ft.			DEPTH INTERVAL		
12,138-12,150' 2 .31" hole/ft.			AMOUNT AND KIND MATERIAL USED		
12,205-12,207' 2 .31" hole/ft.			None		
12,230-12,238' 2 .31" hole/ft.					
12,254-12,258' 2 .31" hole/ft.					
34. PRODUCTION					
Date First Production 10-15-67		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Shut in	
Date of Test 10-19-67	Hours Tested 24	Choke Size 25/64"	Prod'n. For Test Period 105	Oil - Bbl. 2520	Gas - MCF -
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl. 50.2
35. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented				Test Witnessed By A. I. Whitley	
36. List of Attachments See C-122					
37. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.					
SIGNED <u>MW Keener</u>		TITLE <u>Production Superintendent</u>		DATE <u>10-24-67</u>	

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1795</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn <u>10,960</u>	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Atoka <u>11,440</u>	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3530</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>5070</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta <u>Not present</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>Not present</u>	T. Granite	T. Todillo	T.
T. Drinkard	T. Delaware Sand <u>5870</u>	T. Entrada	T.
T. Abo <u>Not present</u>	T. Bone Springs <u>7335</u>	T. Wingate	T.
T. Wolfcamp <u>10,710</u>	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	50	50	Surface gravels and sand				
50	1800	1750	Redbeds				
1800	3500	1700	Anhydrite & salt				
3500	5880	2380	Anhydrite, dolomite & sand				
5880	7680	1800	Lime, dolomite & sand				
7680	8400	720	Lime				
8400	9250	850	Shale, lime & sand				
9250	9470	220	Dolomite, shale & sand				
9470	10070	600	Lime, shale & sand				
10070	10970	900	Shale, sand & lime & dolo				
10970	11450	480	Chert, lime & shale				
11450	11690	240	Sand & shale				
11690	12020	330	Lime & shale				
12020	12389	369	Shale & sand				
(TD)							

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OCT 20 1967

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. OPERATOR

Operator
MALLARD PETROLEUM, INC.

Address
1206 V & J Tower Building, Midland, Texas 79704

Reason(s) for filing (Check proper box)

New Well <input checked="" type="checkbox"/>	Change in Transporter of <input type="checkbox"/>	Other (Please explain) Permission to sell one truck load of Distillate to Minerals, Inc.
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name ALVES	Well No. #1	Pool Name, Including Formation WILDCAT	Kind of Lease State, Federal or Fee FREE	Lease No.
Location				
Unit Letter P ; 660 Feet From The S Line and 990 Feet From The E				
Line of Section 6 Township T-20-S Range R-36-E , NMPM, LEA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
MINERALS, INC.	P. O. BOX 2215, HOBBS, NEW MEXICO 88240
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit P Sec. 6 Twp. 20 Rge. 36 Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Diff. Resv.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

MALLARD PETROLEUM COMPANY

[Signature]
(Signature)
Field Sept. 12
(Title)
10/20/67
(Date)

OIL CONSERVATION COMMISSION

OCT 20 1967

APPROVED _____
BY *[Signature]*
TITLE **SUPERVISOR DISTRICT 1**

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 1111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of lease, well name or number, or transporter or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply

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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 1 2 1967

Form C-101
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

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 "APPLICATION FOR PERMIT - A" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Mallard Petroleum, Inc.	8. Farm or Lease Name Alves
3. Address of Operator 1206 V & J Tower, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>990</u> FEET FROM THE <u>east</u> LINE, SECTION <u>6</u> TOWNSHIP <u>20-S</u> RANGE <u>36-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3648' DF	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☒
CASING TEST AND CEMENT JOB ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1108.

- Commenced drilling @ 4:00 PM, July 22, 1967.
- Ran 13 joints 13 3/8" 48# casing on July 22, set 407' with 370 sacks cement. WOC 24 hours. Tested casing to 1000# for 30 minutes. Tested OK.
- August 7, 1967, ran 156 joints 9 5/8" 36# and 40# casing, set 5220' with 840 sacks cement. WOC 24 hours. Tested to 1500# for 30 minutes. Tested OK.
- September 3, 1967, ran 328 joints 7" 23#, 26# and 29# casing, set 11,345' with 750 sacks cement. WOC 24 hours. Top of cement 6650' by temperature survey.
- Set 7" casing with weight of 250,000#. Cut off casing and nipped up blowout preventer.
- Tested blowout preventer, manifold, kellycock and all safety equipment to 5000# for 15 minutes. Tested casing to 3000# for 30 minutes. Tested OK.

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

SIGNED R.W. Keener TITLE Petroleum Engineer DATE 10-3-67

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-4-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Alves	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Wildcat	
12. County	
Lea	

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 "APPLICATION FOR PERMIT - II" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator
Mallard Petroleum, Inc.
3. Address of Operator
1206 V & J Tower, Midland, Texas
4. Location of Well
UNIT LETTER P 660 FEET FROM THE south LINE AND 990 FEET FROM THE east LINE, SECTION 6 TOWNSHIP 20-S RANGE 36-E NMPM.
15. Elevation (Show whether DF, RT, CR, etc.)
3648' DF

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

1. Change of plans from drilling to 12,000' to drilling to 12,600'.
2. Drillstem test from 12,005'-12,165' indicates change from oil well status to gas well status.

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

SIGNED MW Keener TITLE Petroleum Engineer DATE Sept. 25, 1967
APPROVED BY [Signature] DATE SEP 27 1967
CONDITIONS OF APPROVAL, IF ANY:

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JUL 11 1967

NEW MEXICO OIL CONSERVATION COMMISSION

PLEASE WIRE APPROVAL COLLECT

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

3. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Mallard Petroleum, Inc.		8. Farm or Lease Name Alves
3. Address of Operator 1206 V & J Tower, Midland, Texas		9. Well No. 1
4. Location of Well UNIT LETTER P LOCATED 660 FEET FROM THE south LINE AND 990 FEET FROM THE east LINE OF SEC. 6 TWP. 20-S RGE. 36-E NMPL		10. Field and Pool, or Wildcat Wildcat
		12. County Lea
19. Proposed Depth 12,000'		19A. Formation Morrow
20. Rotary or C.F. Rotary		
21. Elevations (Show whether DP, RT, etc.)	21A. Kind & Status Plug. Bond blanket - intact	22. Approx. Date Work will start July 20, 1967

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	48#	375'	450	Surface
12 1/4"	9 5/8"	36# & 40#	5300'	550	3500'
8 5/8"	7"	23#, 26#, 29#	11000'	300	9300'
6"	5" liner	18#	12000'	100	10800'

1. Drill 17 1/4" hole to approximately 380'. Run 13 3/8" 48# casing and circulate cement
2. Drill 12 1/4" hole to approximately 5300'. Run 9 5/8" 36# and 40# casing.
3. Drill 8 5/8" hole to approximately 11000'. Run 7" 23#, 26# and 29#.
4. Drill 6" hole to approximately 12000'. Run 5" liner and circulate cement.
5. Double hydraulic blowout preventer and a hydrill will be used at all times after setting surface casing.

Expires 10-11-67

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed James Olsen Jr. Title Petroleum Engineer Date July 7, 1967

(This space for State Use)

APPROVED BY Joe A. [Signature] TITLE SUPERVISOR DISTRICT 8 DATE JUL 11 1967

CONDITIONS OF APPROVAL, IF ANY:

Area is productive of both gas & oil - NSL for gas

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT, C. C.

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

All distances must be from the outer boundaries of the Sections

Operator Mallard Petroleum, Inc.			Lease Alves		Well No. 1
Unit Letter P	Section 6	Township 20-S	Range 36-E	County Lea	
Actual Well Location of Wells 660 feet from the south line and 990 feet from the east line					
Ground Level Elev. Morrow	Producing Formation Morrow	Pool Wildcat	Estimated Acreage 40		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

SECTION 6, Twp. 20-S, Rng. 36-E			
660' 0" 990'			

CERTIFICATION

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

Name **Homer Olsen, Jr.**

Position **Petroleum Engineer**

Company **Mallard Petroleum, Inc.**

Date **July 6, 1967**

I hereby certify that the well location shown on this plat 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 **JUNE 28, 1967**

Registered Professional Engineer and/or Land Surveyor

Certificate No. **754**



LEA COUNTY

NEW MEXICO

WILDCAT

Well:
Loc'n:

MALLARD PET. INC., #1 Alves

Result: NEW GAS DISC

S/part county, 4 mi SW/Monument; Sec 6-20S-36E, 660' FSL, 990' FEL of Sec; 9 mi SSW/Arkansas-Junction (Dev) Fld, W/twin to 4903' failure.

Spud: 7-22-67; Comp: 10-20-67; Elev: 3648' Grd; TD: 12,396'; PB: 12,308'
Casing: 13-3/8" 407'/370 sx, 9-5/8" 5220'/850 sx, 7" 11,345'/750 sx, 4-1/2" liner 10,985-12,396'/350 sx.

Prod Zones (Morrow-Gas) T/Pay 12,100', Prod thru Perfs 12,100-12,258'

IP CAOF: 2,800,000 CFPD, GLR 9700-1, Grav 50.2, TP 4340#, (natural well)

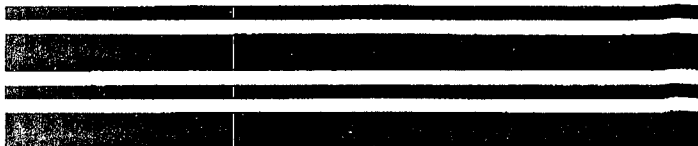
Comp Info: DST 10,035-100', op 2 hrs, rec 8770', sulf wtr, sil GC w/small trace oil, ISIP 4118#/1 hr, FP 926-4107#, FSIP 4118#/1 hr, DST 11,430-588', op /w/good blo, SI/1 hr, no gas or fluid to surf; rec 2000' WB, 540' mud, 1170' GCM, ISIP 2311#/1 hr, aFP 1954#, FSIP 3360#, DST 12,005-165', op 2 hrs, GTS 25 mins, est 7,000,000 CFPD 5/8" choke, rev out 2 bbls disc, Grav 41.4, ISIP 6482#/1 hr, FSIP 6425#/4 hrs, FP 1518-1679#, DST 12,008-246', op 3/3k blo, inc to strong, GTS 32 mins, mud surf 1 hr & 15 mins, F/4 hrs, (calc. 6,000,000 CFPD), FP 650#, 5/8" hch, SI/4 hrs, rec 1110' cond, no wtr, ISIP 6505#/1 hr, FP 1564-1438#, FSIP 6425#/4 hrs; p Perf (Morrow) 12,100-104', 12,138-150, 12,205-207', 12,230-238' & 12,254-258', op well, F/5,000,000 CFPD/2-1/2 hrs, TP 250#, SI/1-1/2 hrs, C/C Coral Drilg. Co.

Topo: (EL) Anhy 1795', Yates 3530', San And 5070', Dela Sd 5870', Bone Spring 7335', Wolfe 10,710', Strawn 10,950', Atoka 11,440'

The American
OIL REPORTS

Date: 11-15-67

Card No.: 14 NM ss



Patch T

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MAIN OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1956 MAY 15

Submit this report in triplicate to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed 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 BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)

January 10, 1956

Hobbs, New Mexico

Following is a report on the work done and the results obtained under the heading noted above at the

Southern Union Gas Company

Alves

Lea County Casing Pullers

Well No. 1

in the 1/4 2 1/4 of Sec 6

T. 20S., R. 36E., NMPM., Pool, Lea County

The Dates of this work were as follows: 12/29/55

Notice of intention to do the work (was) ~~XXXXXX~~ submitted on Form C-102 on 12/28/55

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Tubing was run to bottom and a 25 sx. plug covering perforations from 3578-94. There was approx. 2800' of casing recovered on this well and tubing was run back to 2500' and a 20 sx. plug was spotted at this point. A 25 sx. plug was run at 1850' in the top of the salt, a 40 sx plug was spotted at the bottom of the surface, 50' in and 50' out, and a 5 sx plug in the top with a 4" marker 5' above the ground.

Witnessed by B. V. Dodson

Lea County Casing Pullers

Supt.

Approved: OIL CONSERVATION COMMISSION

W. L. Armstrong

Oil & Gas Inspector

(Title)

MAY 23 1956

(Date)

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

Name: Alan Antweil

Position: Agent

Representing: Southern Union Gas Co.

Address: Burt Building, Dallas, Texas

ORIGINAL

(Form C-102)
(Revised 1/1/52)NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified 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 CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	X	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (Other)		NOTICE OF INTENTION (Other)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICOHobbs, New Mexico
(Place)December 28, 1955
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Southern Union Gas - Alves
(Company or Operator) Well No. 1 in (Unit)
1/4 (40-acre Subdivision) 1/4 of Sec. 6, T. 20S, R. 36E, NMPM, Pool
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to run tubing to bottom, run a 25 sx. plug covering perforations from 3578 - 3594', run a 20 x plug in the stub if necessary, a 25 sx. plug at 1850' in the top of the salt, a 40 sx. plug at the bottom of the surface, a 50' in and 50' out, a 5' sx plug in the top with a 4" marker 5' above ground

'JAN 3 1956

Approved....., 19.....
Except as follows:Approved
OIL CONSERVATION COMMISSIONBy.....
Title Engineer District 1

SOUTHERN UNION GAS COMPANY

By Alan Antweil
Alan AntweilPosition Agent
Send Communications regarding well to:Name Southern Union Gas Company
Burt Building
Address Dallas, Texas

ORIGINAL

(Form C-102)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

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Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL	XXXX	NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Dallas, Texas

September 27, 1955

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

Southern Union Gas Company
(Company or Operator)

Well No. Alves #1 in P (Unit)

SE 1/4 SE 1/4 of Sec. 6, T. 20-S, R. 36-E, NMPM, Wildcat Pool

Los Angeles County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

The following work has been completed on well:

10-3/4" casing set at 300'. 7" casing set at 4894'.
Perforated 4796-4820', 4844-4856' with 4 shots/ft. Fraced with 10,000 gallons sand oil.
Made water.
Set Baker Plug with 2 sacks at 4670'. Perforated 4565-4607' with 4 shots/ft. Fraced
with 10,000 gallons sand oil. Swabbed dry.
Set Baker Plug with 2 sacks at 3960'. Perforated 3857-3897' with 4 shots/ft. Fraced
with 10,000 gallons sand oil. Swabbed dry.
Set Baker Plug with 2 sacks at 3660'. Perforated 3578-3594' with 4 shots/ft. Fraced
with 10,000 gallons sand oil. Swabbed dry.

We propose to pull tubing, leave complete well head on well, leave casing as is and temporarily abandon well. Within ninety days we will determine if we will deepen well or plug and abandon.

Approved....., 19.....
Except as follows:

The Commission must be notified of your plans for this well within 90 days or by

Approved September 28, 1955
OIL CONSERVATION COMMISSION

By.....
Title Engineer District 1

Southern Union Gas Company
Company or Operator

By L. S. Muennink
Position Jr. Petroleum Engineer
Send Communications regarding well to:

Name L. S. Muennink
Address Southern Union Gas Co., Dallas, Texas

NEW MEXICO OIL CONSERVATION COMMISSION

MAIN OFFICE OCC Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

1955 AUG 25

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified 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 CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)	<input checked="" type="checkbox"/>	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico

August 25, 1955

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the Southern Union Gas Company -

Alves Well No. 1 in P (Unit)
(Company or Operator)
SE 1/4 SE 1/4 of Sec. 6, T. 20S, R. 36E, NMPM, Wildcat Pool
(10-acre Subdivision)
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

(This well formerly re-entered as J. Don Hudgens, Inc. - Alves #1)

Plan to drill out to old TD (4902), run logs and then decide whether or not to run casing to attempt completion.

Approved..... AUG 25 1955, 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By.....

Title..... Engineer District 1

Southern Union Gas Company
Company or Operator

By..... J. Don Hudgens,

Position..... Agent
Send Communications regarding well to:

Name..... Southern Union Gas Company

Address..... 1104 Hurt Building
Dallas, Texas

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified 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 CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico

October 25, 1954

(Place)

(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

J. DON HUDGENS, INC.

(Company or Operator)

Well No. 1

in

P.

(Unit)

SE

1/4

SE

1/4 of Sec. 6

T. 20 S.

R. 36 E.

NMPM.

Wildcat

Pool

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Set cement plugs as follows:

3450' - 3500'

2000' - 2050'

Place 4" marker at surface after leaving hole loaded with heavy mud.

Attempt to DST well abandoned due to hole being too large to get packer seat.

NOV 1 1954

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By

S. I. STANLEY

Title

ENGINEER

J. DON HUDGENS, INC.

(Company or Operator)

By

J. Don Hudgens

Position

President

Send Communications regarding well to:

Name

J. DON HUDGENS, INC.

Address

P.O. Box 1898, Hobbs, New Mexico

Phone 3-3144

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-101)
(Revised 7/1/52)MAIN OFFICE OCC
NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico

(Place)

October 19, 1954

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to re-enter and test (Drilling) (Recompletion) of a well to be known as **J. DON HUDGENS, INC.** (Formerly drilled as **Famarrise #1 Alves**)

(Company or Operator)

ALVES Well No. **I**, in **P** The well is located **660** feet from the **South** line and **660** feet from the **East** line of Section **6**, T. **20S.**, R. **36E.**, NMPM. (GIVE LOCATION FROM SECTION LINE) **Wildcat** Pool, **Lea** County

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	8

If State Land the Oil and Gas Lease is No.

If patented land the owner is **Charles Alves et al**Address **Kansas City, Mo.**

We propose to drill well with drilling equipment as follows:

RotaryThe status of plugging bond is **in good standing - Blanket Bond in J. Don Hudgens, Inc.**Drilling Contractor **LeVance Drilling Company**
Midland, Texas

We intend to complete this well in the **WYMAN** Gas Zone formation at an approximate depth of **3950** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Back Cement
	16-3/4"		New	240'	Circulated
8-3/4"	7"		New	3900'	300

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved **NOV -2 1954**, 19
Except as follows:

OIL CONSERVATION COMMISSION
By **S. J. STAFFEY**
Title **ENGINEER - DIST.**

Sincerely yours,

J. DON HUDGENS, INC.
(Company or Operator)By **J. Don Hudgens**Position **President**

Send Communications regarding well to

Name **J. DON HUDGENS, INC.**
Address **P. O. Box 1098, Phone 3-3144**
Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MAIN OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE OCC

Submit this report in triplicate to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed 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 BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

7-28-54

(Date)

Hobbs, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Famariss Petroleum Corporation

(Company or Operator)

Alves

(Lease)

D. P. L. Drilling Co.

(Contractor)

Well No. 2 in the SE 1/4 SW 1/4 of Sec. 6

T. 20S, R. 56E, NMPM, Wildcat Pool, Lea County

The Dates of this work were as follows: 8-26-54

Notice of intention to do the work (was) (crossed out) submitted on Form C-102 on 8-26-54, 19

(Cross out incorrect words)

and approval of the proposed plan (was) (crossed out) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Verbal permission obtained from S. J. Stanley to plug as follows:

Hole left. Loaded with Heavy Mud. Cement plugs set at:

3950 - 4000

3450 - 3500

2000 - 2050

4' - 4" marker placed at surface. Cmtd in 240' of 10-3/4" pipe left cmtd in hole.

Witnessed by Johnston, Paul S. Famariss Petroleum Corporation Vice-President

(Name)

(Company)

(Title)

Approved: OIL CONSERVATION COMMISSION

S. J. STANLEY

ENGINEER-DIST.

(Title)

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

Name

Position Vice-President

Representing Famariss Petroleum Corporation

Address P. O. Box 2457 - Hobbs, New Mexico

NOV 1 1954

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE 000

MISCELLANEOUS NOTICES

Submit this notice in triplicate to District Office, Oil Conservation Commission, before the work specified 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 CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	X	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

8-26-54
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

Pamarriss Petroleum Corporation
(Company or Operator)

Alves

Well No. 1

in P
(Unit)

SE 1/4
(40-acre Subdivision)

SE 1/4 of Sec. 6

T. 20S

R. 36E

NMPM.

Wildcat

Pool

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Set Cement plugs as follows:

3950 - 4000

3450 - 3500

2000 - 2050

Place 4" marker at surface. Leave hole loaded with Heavy Mud.

SEP 14 1954
HOBBS OFFICE 000

Approved SEP 14 1954, 19
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By J. G. Stanley
Engineer District 1

Title

PAMARRISS PETROLEUM CORPORATION

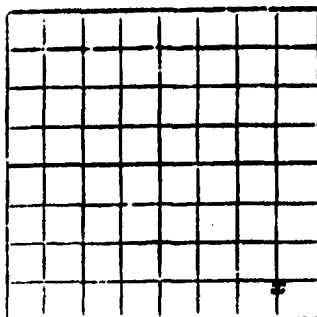
By Paul J. Tolsted
Company or Operator

Position Vice-President

Send Communications regarding well to:

Name Pamarriss Petroleum Corporation

Address Box 2497 - Hobbs, New Mexico



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED SEP 10 PM 4:05

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 360 ACRES
LOCATE WELL CORRECTLY

Panoramas Petroleum Corporation ALVES
(Company or Operator) (Lessee)
Well No. 1, in SE 1/4 of SE 1/4, of Sec. 6, T. 20S, R. 36E, NMPM.
Wildcat Pool, Lea County.
Well is 660 feet from South line and 660 feet from East line
of Section 6. State Land the Oil and Gas Lease No. is _____
Drilling Commenced 7-30-54, 19_____. Drilling was Completed 7-25-54, 19_____.
Name of Drilling Contractor D. P. L. Drilling Co.
Address San Angelo, Texas
Elevation above sea level at Top of Tubing Head 3641. The information given is to be kept confidential until _____, 19_____.

OIL SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4		New	240'	T. P.			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	10-3/4	250'	200	Two Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gal. used, interval treated or shot.)

D. S. T. #1 3632 - 3874 No. Show Rec. 30' and
D. S. T. #2 4707 - 4900 (Drill Pipe) No. Show Rec. 10' and

Result of Production Stimulation _____

Depth Cleaned Out _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....0.....feet to.....4902.....feet, and from.....feet to.....feet.
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was oil;% was emulsion;% water; and.....% was sediment. A.P.I. Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

I. Anhy.....1502	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....2110	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....3300	T. Montoya.....	T. Farmington.....
T. Yates.....3435	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....3680	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. WEA. (Gas.) 3823	T. Morrison.....
T. Drinkard.....	T. WEA. (Oil) 4254	T. Penn.....
T. Tubbs.....	T. WED. 4557	T.
T. Abo.....	T. Shell Hooper 4600	T.
T. Penn.....	T. Perrose 4510	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	250	250	Sand, caliche, red bed				
250	1802		Red bed, Sand, shale				
1802	2110		Anhydrite, red bed, sal				
2110	3300		Salt				
3300	3435		Dol.				
3435	4902		Dol., Lime, Sand, shale				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

September 10, 1954

Company or Operator.....PANAMERICAN PETROLEUM CORPORATION.....Address.....BOX 2427 - ALBUQUERQUE, NEW MEXICO

TOOLS USED

Rotary tools were used from 0 feet to 4902 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was oil;.....% was emulsion;.....% water; and.....% was sediment. A.P.I.

Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico				Northwestern New Mexico			
1. Anhy.....	1802	T. Devonian.....		T. Ojo Alamo.....			
T. Salt.....	2110	T. Silurian.....		T. Kirtland-Fruitland.....			
B. Salt.....	3300	T. Montoya.....		T. Farmington.....			
T. Yates.....	3435	T. Simpson.....		T. Pictured Cliffs.....			
T. 7 Rivers.....	3680	T. McKee.....		T. Menefee.....			
T. Queen.....		T. Ellenburger.....		T. Point Lookout.....			
T. Grayburg.....		T. Gr. Wash.....		T. Mancos.....			
T. San Andres.....		T. Granite.....		T. Dakota.....			
T. Glorieta.....		T. WEA. (Gas).....	3873	T. Morrison.....			
T. Drinkard.....		T. WEA. (Oil).....	4254	T. Penn.....			
T. Tubbs.....		T. WED.....	4557				
T. Abo.....		T. Shell Hooper.....	4600				
T. Penn.....		T. Perrosa.....	4510				
T. Miss.....							

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	250	250	Sand, caliche, red bed				
250	1802		Red bed, Sand, shale				
1802	2110		Anhydrite, red bed, sal				
2110	3300		Salt				
3300	3435		Dol.				
3435	4902		Dol., Lime, Sand, shale				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

September 10, 1964

Company or Operator.....SAVADORE PETROLEUM CORPORATION.....Address.....BOX 8407 - ALBUQUERQUE, NEW MEXICO.....
Name.....Paul J. Johnson.....Position or Title.....Vice-President

ORIGINAL

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MAIN OFFICE OCC
MISCELLANEOUS REPORTS ON WELLS
HOBBS OFFICE OCC

1954 AUG 15 PM 4:10
Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work reported is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed 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 BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

7-31-54

Hobbs, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Famaris Petroleum Corporation

Alves

(Company or Operator)

(Lease)

D. P. L. Co., Inc.

Well No. 1 in the SE 1/4 SE 1/4 of Sec. 6

(Contractor)

T. 20S, R. 36E, NMPM, Undesignated Pool, Lea County

The Dates of this work were as follows: 7-30-54 7-31-54

Notice of intention to do the work (was) (was not) submitted on Form C-102 on _____, 19 _____
(Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Run 240' 10-5/8" Spiral Weld. Csg. Set @ 250' Cmdt W/200 Sks
Heat Cir. 25 Sks. Test Pipe W/500 Psi 30 Min. Held OK

Witnessed by Johnston, Paul S. Famaris Petroleum Corporation Vice-President
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

A. J. Stanley
(Name)

Engineer District 1

(Title)

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

Name Paul S. Johnston

Position Vice-President

Representing Famaris Petroleum Corporation

Address Box 8497, Hobbs, New Mexico

ORIGINAL

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-101)
(Revised 7/1/52)

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico

7-26-54

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Recompletion~~) of a well to be known as

Famariss Petroleum Corporation
(Company or Operator)

Alps Well No. 1, in P The well is
(Lease) (Unit)
located 660 feet from the South line and 660 feet from the
East line of Section 6, T. 20S, R. 36E, NMPM.
(GIVE LOCATION FROM SECTION LINE) Undesignated Caldera Pool, Lea County

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	SP

If State Land the Oil and Gas Lease is No.

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Rotary to T. D.

The status of plugging bond is on file

Drilling Contractor D. P. L. Co., Inc.

We intend to complete this well in the Grauburg

formation at an approximate depth of 4,900 feet

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Backs Cement
<u>12 1/4</u>	<u>10-3/4</u>		<u>New</u>	<u>240</u>	<u>200</u>
<u>8-3/4</u>	<u>7</u>	<u>32</u>	<u>New</u>	<u>4900</u>	<u>200</u>
<u>Operator will cement 7" sufficient to bring cement above salt section</u>					

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved Jul 30 1954, 19____
Except as follows:

OIL CONSERVATION COMMISSION

By J. G. Stanley
Title Engineer District 1

Sincerely yours,

FAMARISS PETROLEUM CORPORATION

By Paul J. Johnston
(Company or Operator)

Position Vice-President

Send Communications regarding well to

Name Famariss Petroleum Corporation

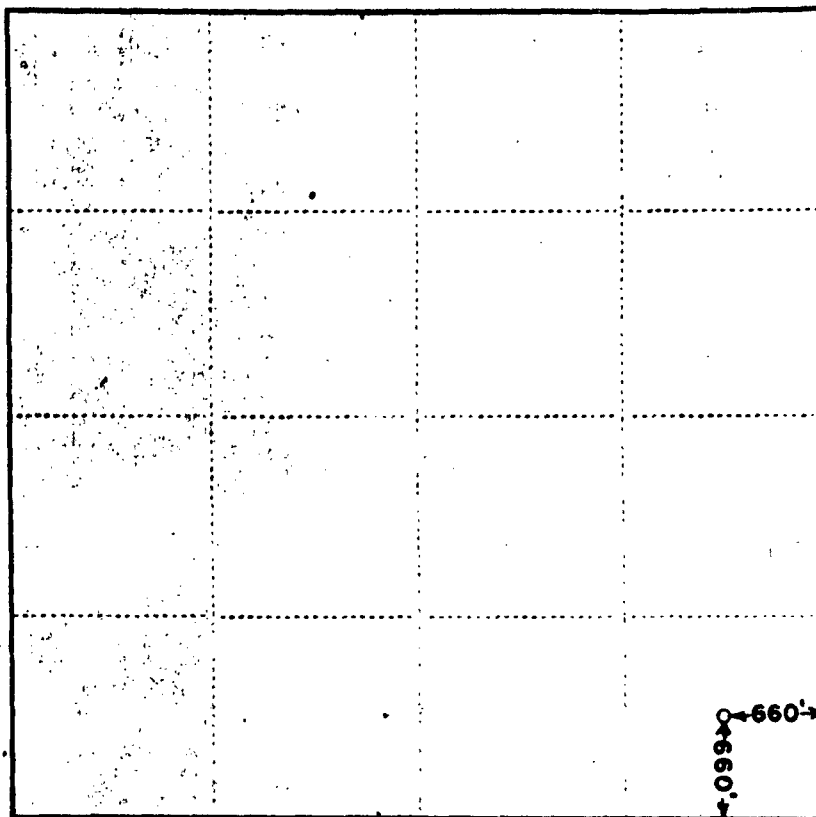
Address P. O. Box 2497

Hobbs, New Mexico

WELL LOCATION SURVEY PLAT

OPERATOR FAMARISS PETROLEUM CORP.
LEASE ALVES

WELL NO. 1



SEC. 6 . TWP. 20 S. RGE. 36 E. N.M.P.M.

I HEREBY CERTIFY THAT THIS PLAT WAS MADE
FROM NOTES TAKEN IN THE FIELD BY ME AND
THAT THE SAME IS TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

John W. West

JOHN W. WEST, PE & LS NO. 676
7-10-1954

7-10-1954

FAMARISS PETROLEUM CORP. #1 Alves
LEA COUNTY NEW MEXICO WILDCAT
Well: FAMARISS PETROLEUM CORP. #1 Alves Result: DLA
Locn: 7 mi SW Monument townsite, 3 mi W of the Monument Field; Sec 6-20S-36E;
660' FS&ELs Sec.

Spud: 7-30-54; Comp: 8-28-54; Elev: 3641' EF; TD: 4902' 11

Casing: 10 3/4" 240'/220' sx

Prod. Zone: None

IP: None

Comp. Info: DST 3632-3874', op 30 min, rec 30' mud, no press; DST 4800-
4902', op 1 hr & 30 min rec 10' mud, FP 0', SIP 173'/15 min

Tops: (Samples) Anhydrite 1780', Yates 3435', (EL) Penrose 4310'

L. R. R. R.
OIL REPORTS

Date: 9-15-54

Card No: 5

NM

RT