

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Form C-110

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Vickers Petroleum Co., Inc. Lease Maxwell-States
Address Box 744, Roswell, New Mexico Box 2240, Wichita, Kansas
(Local or Field Office) (Principal Place of Business)
Unit C Wells No. 3 Sec. 13 T. 13S R. 31E Field Caprock County Chaves
Kind of Lease State Location of Tanks On lease
Transporter Service Pipe Line Company Address of Transporter Box 337, Midland, Texas
(Local or Field Office)
Box 1979, Tulsa, Oklahoma Percent of oil to be transported 100% Other transporters author-
(Principal Place of Business)
ized to transport oil from this unit are _____ %
REMARKS:

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 percentage 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.

Executed this the 10th day of May, 1950

Vickers Petroleum Co., Inc.
(Company or Operator)

By M. C. Lyons
Title Secretary-Treasurer

State of Kansas
County of Sedgwick

ss.

Before me, the undersigned authority, on this day personally appeared M. C. Lyons 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 10th day of May, 1950

Allen J. Denton

Notary Public in and for Sedgwick County, Kansas (My commission expires Aug. 13, 1953)

Approved: May - 18 - 1950

OIL CONSERVATION COMMISSION

By May 18 1950

(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
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator The Vickers Petroleum Co., Inc. Lease Maxwell State
Address 201 WKH Building Wichita, Kansas
(Local or Field Office) (Principal Place of Business)
Unit C Wells No. 3 Sec. 13 T. 13 R. 31 Field Caprock County Chaves
Kind of Lease State Location of Tanks On Lease
Transporter Stanolind Pipe Line Co. Address of Transporter Midland, Texas
(Local or Field Office)
Percent of oil to be transported 100 Other transporters author-
(Principal Place of Business) ized to transport oil from this unit are _____ %
REMARKS:

Former owner - The Malco Refineries, Inc., Roswell, New Mexico

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 percentage 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.

Executed this the 5th day of March, 194 8

The Vickers Petroleum Co., Inc.

(Company or Operator)

By Arnold S. Bunte
Title Exploration Manager

State of New Mexico

County of Eddy

ss.

Before me, the undersigned authority, on this day personally appeared Arnold S. Bunte 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 5th day of March, 194 8

Notary Public in and for Eddy County, New Mexico

Approved: 3-16 1948

My Commission Expires Notary Public

OIL CONSERVATION COMMISSION

By R. L. Bunt

MY COMMISSION EXPIRES SEPT. 2, 1951

(See Instructions on Reverse Side)

INSTRUCTIONS

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- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission

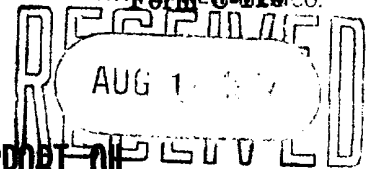
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In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport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

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

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

OIL CONSERVATION COMMISSION
SANTA FE, N.M.



CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator MALCO REFINERIES, INC. Lease MAXWELL STATE 3
Address Roswell, New Mexico Same
(Local or Field Office) (Principal Place of Business)
Unit C Wells No. 3 Sec 13 T 13S R 31E Field Caprock County Chaves
Kind of Lease State Location of Tanks On Lease East of Well
Transporter Stanolind Pipe Line Co. Address of Transporter Stanolind Bldg.
Tulsa, Okla. (Principal Place of Business) Percent of oil to be transported 100 Other transporters authorized to transport oil from this unit are None 0 %

REMARKS:

This authorization to become effective September 1, 1947

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 percentage 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.

Executed this the 15 day of August, 1947

MALCO REFINERIES, INC.

(Company or Operator)

By Donald B. Anderson
Title Production Manager

State of New Mexico

County of Chaves

Before me, the undersigned authority, on this day personally appeared Donald B. Anderson 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 15 day of August, 1947

William B. McComb, Jr.

Notary Public in and for Chaves County, New Mexico

Approved: AUG 18 1947 194
OIL CONSERVATION COMMISSION

MY COMMISSION EXPIRES APRIL 22, 1950

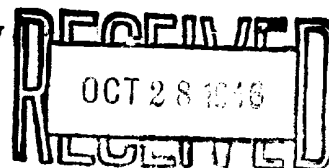
By R. L. Garrison

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within the State of New Mexico specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Roswell, New Mexico
Place

September 30, 1946
Date

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

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

Malco Refineries, Inc. New Mexico Well No. 3 in the
Company or Operator
NE 1/4 NW 1/4 of Sec. 13, T. 13 S, R. 31 E, N. M. P. M.,
Caprock Field, Chaves County.

The dates of this work were as follows: September to September 28, 1946

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Commenced drilling 9-27-46. Set 9 5/8" casing at 288' and cemented with 200 sacks. Tested and found shut-off complete.

Witnessed by Loree Evans Malco Refineries, Inc. Prod. Supt.
Name Company Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

30 day of September, 1946

Name Donald B. Anderson

William B. McComb Jr.
Notary Public

Position Donald B. Anderson
Production Manager
Representing Malco Refineries, Inc.
Company or Operator

My commission expires April 22, 1950

Address Box 660 Roswell, New Mexico

Remarks:

APPROVED
Date OCT 28 1946

Ray G. Gunkle
Oil & Gas Inspector
Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
OCT 28 1946

HOBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. 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 REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Roswell, New Mexico

Place

October 15, 1946

Date

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

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

Malco Refineries, Inc. Marwell State Well No. 3 in the
Company or Operator Lease
N2/4 NW/4 of Sec. 13, T. 13, R. 31, N. M. P. M.,
Caprock Field, Chaves County.

The dates of this work were as follows:

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilled plug in 5 1/2" casing set at 3045' cemented with
600 sax. Let stand for 24 hours and found shutoff to be
satisfactory.

Witnessed by Loree Evans Malco Refineries, Inc. Prod. Supt.
Name Company Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

23rd day of October, 1946Name Donald B. AndersonWilliam B. McComb
Notary PublicPosition Prod. ManagerRepresenting Malco Refineries, Inc.
Company or OperatorMy commission expires April 22, 1950Address Box 660 Roswell, New Mexico

Remarks:

OCT 28 1946
Date

W. B. McComb
Notary Public
Title

Company or Operator ~~Malco Refineries, Inc.~~ Lease ~~Maxwell~~ - State ~~State~~
Address _____ Box ~~660~~ ~~Roswell, New Mexico~~
(Local or Field Office) (Principal Place of Business)
Unit ~~C~~ Wells No. ~~3~~ Sec. ~~13~~ T ~~13~~ S R ~~31~~ Field ~~Caprock~~ County ~~Chaves~~
Kind of Lease ~~State~~ Location of Tanks ~~On lease east of well~~
Transporter ~~Malco Refineries, Inc.~~ Address of Transporter _____
(Local or Field Office)
Box ~~660~~ ~~Roswell, New Mex.~~ Percent of oil to be transported ~~100~~. Other transporters author-
(Principal Place of Business)
ized to transport oil from this unit are ~~none~~ %

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 percentage 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.

Malco Refineries, Inc.
(Company of Operator)
By Donald B. Anderson
Title Donald B. Anderson

State of New Mexico } **Production Manager**
County of Chaves } **SS.**

Before me, the undersigned authority, on this day personally appeared ~~Donald B. Anderson~~ 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 29th day of October, 1944

Notary Public in and for Chaves County, New Mexico

Approved: 10-31- 1945
OIL CONSERVATION COMMISSION

By Carl B. Kivingson
(See Instruction 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.

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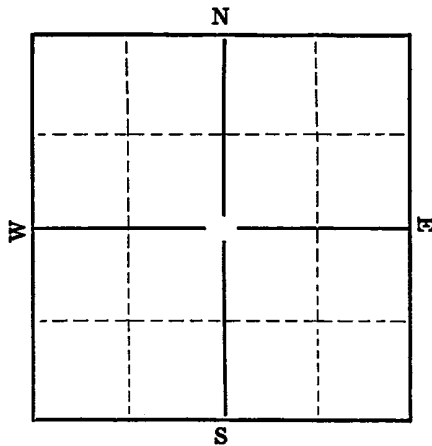
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SCOUT REPORT

NEW MEXICO OIL CONSERVATION COMMISSION



Company Malco Ref. Inc.
 Farm Name 22749 Well State Well No. 5
 Sec. 13 Twp. 13 Range 31 County Chaves
 Feet from Line: 660 N. S. E. 1980 W.
 Elevation 5872 3054 4402 Method I.P.
 Contractor _____
 Spudded 9-27-46 Completed 10-21-46

AMOUNT CASING & CEMENTING RECORD			
Size	Feet	Inches	Sax Cement
<u>8-5</u>	<u>315</u>		<u>150</u>
<u>5 1/2"</u>	<u>3143</u>		<u>600</u>

TUBING RECORD
2" Hg. @ 3059

PACKER

ACID RECORD Gals.	TA	TG
	TX	TSA
	TCA	TGI
	BX	TYo
	TY	TABo
	TSR	TPenn
Top Pay <u>21853054</u>	TQ <u>3054</u>	TOrd

SHOOTING RECORD		
No. of Quarts	From	To
<u>30</u>	<u>3054</u>	<u>3068</u>
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

Date	Location	Date	
<u>8-27-46</u>	<u>Location</u>		
<u>10-1</u>	<u>Ø 29450</u>		
<u>10-8</u>	<u>Ø 294 -</u>		
<u>10-15</u>	<u>ID 3068 S, waiting on potential</u>		
<u>10-23</u>	<u>Setg Flow 7 BOPH</u>		
<u>10-30</u>	<u>HK 2200 S Flow 30 BOPH</u>		
	<u>ID 3068 S Flow 20 BOPH</u>		

Place Roswell, New Mexico
Date October 22, 1946

Glenn Staley
Proration Office
Hobbs, New Mexico.

Designate UNIT well is located in
C

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

NOTICE OF COMPLETION OF: (Lease) Maxwell State Well No. 3
660 feet from 1 line: 3300 feet from 1 line;
Section 13 Township 13 S Range 31 E

DATE STARTED 9-27-46
DATE COMPLETED 10-18-46
ELEVATION 4402
TOTAL DEPTH S.L. 3063
CABLE TOOLS 3043-68 ROTARY TOOLS 3043

CASING RECORD

SIZE <u>9 5/8</u>	DEPTH <u>288</u>	SAX CEMENT <u>200</u>
SIZE <u>5 1/2</u>	DEPTH <u>3043</u>	SAX CEMENT <u>600</u>
SIZE <u>5 1/2</u>	DEPTH <u>3043</u>	SAX CEMENT <u>600</u>

TUBING RECORD

SIZE 2 1/2 DEPTH 2910

ACID RECORD
NO. GALS _____
NO. GALS _____
NO. GALS _____

SHOT RECORD
NO. QTS. _____
NO. QTS. _____
NO. QTS. _____

FORMATION TOPS

Anhydrite _____
Top Salt 275
Base Salt 1650
Red Sand 2130
Brown Lime 3054 oil sand
White Lime _____
Oil or Gas Pay _____
Water _____

Initial Production Test _____ Pumping _____ Flowing _____
Test After Acid or Shot 30 b.p.d.
120 b.p.d.

Initial GAS VOLUME _____

SCHEDULE NO. _____ DATE _____

PIPE LINE TAKING OIL Malco Refineries, Inc.

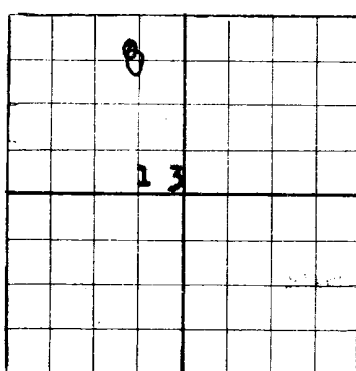
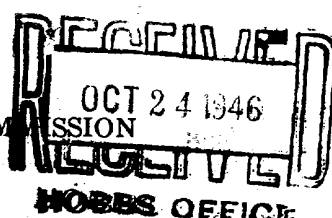
REMARKS _____ COMPANY Malco Refineries, Inc.

SIGNED BY: Donald B. Andersen

Donald B. Andersen

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco Refineries, Inc. **Roswell, New Mexico**
 Company or Operator Address
Maxwell State Well No. **3** in **NE/4 NW/4** of Sec. **13**, T. **13-S**
 Lease **31-E** Field, **Caprock** County, **Chaves**
 R. **660** N. M. P. M. Well is **660** feet south of the North line and **3300** feet west of the East line of **Sec. 13**
 If State land the oil and gas lease is No. **B-10416** Assignment No. _____
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is **J.C. Maxwell, Inc. & Chas. H. Osmond** Address **Ft. Worth, Texas**
 Drilling commenced **9-27-** **46** Drilling was completed **10-18** **46**
 Name of drilling contractor **George P. Livermore** Address **El Paso, Texas**
 Elevation above sea level at top of casing **4402** feet.
 The information given is to be kept confidential until **not confidential** 19____

OIL SANDS OR ZONES

No. 1, from **3054** to **3064** 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
9 5/8	47#	8R	Natl	287	Rotary				Water shut-off
5 1/2	17#	8R	Natl	3043	Rotary				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11 3/4	9 5/8	287	150	pump & plug		
7 3/4	5 1/2	3043	600	" "		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	4"	Jelly	30 qts	10-12-46	3065	3068

Results of shooting or chemical treatment **Increased well from 30 bbls. to 125 bbls. day**

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 **3043** feet, and from _____ feet to _____ feet
 Cable tools were used from **3043** feet to **3068** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **10-14** **1946**
 The production of the first 24 hours was **125** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. F. Reeves Driller **E. E. Bodine** Driller
Cass Dye Driller **J. Bynum** Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **21****Roswell, New Mexico** **September 21, 1946**day of **September** 19 **46**Name **Donald B. Anderson**Position **Production Manager**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	287	287	Caliche & sand
278	1650	1372	Redbed - Shells
1650	2130	480	Salt
2130	3043	913	Anhydrite - shale - redrock
3043	3054	11	Anhydrite
3054	3064	10	Sand - Oil
3064	3068	4	Anhydrite T-D