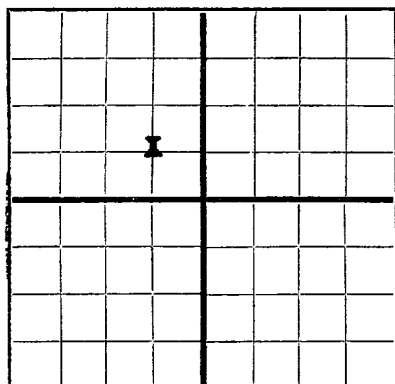


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AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

OIL CONSERVATION COM.
HOBBAS-OFFICE

The Atlantic Refining Company Box 1038, Denver City, Texas
Company or Operator Address
B C Dickinson "A" Well No. **3** in **SE 1/4** of **NW 1/4** Sec. **34**, T. **14-S**
Lease
R. **37-E**, N. M. P. M., **Denton** Field, **Lee** County.
Well is **1980** feet south of the North line and **3800** feet west of the East line of **Section 34**.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **Bettie C. Dickinson Estate** Address **W. D. Girard, Jr., Hobbs, New Mexico**
If Government land the permittee is Address
The Lessee is Address
Drilling commenced **October 10, 1951** Drilling was completed **3-20-1952**
Name of drilling contractor **Corbett Drilling Company** Address **Box 4206, Tulsa, Oklahoma**
Elevation above sea level at top of casing **3825 LF** feet.
The information given is to be kept confidential until **July 1, 1952**

OIL SANDS OR ZONES

No. 1, from **12,590** to **12,701** 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	
13-3/8"	48		Nat'l	282.03	Larkin				
9-5/8"	36		British	2915.00					
9-5/8"	40		Nat'l	1781.35	Larkin				
7"	35		Nat'l	1421	Halliburton				
7"	32		Nat'l	1870					
7"	29		Nat'l	3766			12,599	12,634	To Produce
7"	26		Nat'l	5925			12,654	12,700	To Produce

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
18	13-3/8"	296.11	400	Pump		None
12 1/2	9-5/8"	4710.00	3000	Pump	?	104 Sacks
8-3/4	7	12,711.55	650	Pump	?	56 Sacks

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
	15% Regular Acid		1000 gals	3-31-52	Thru Perfs	

Results of shooting or chemical treatment **Fair**

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 **12,720** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **April 1, 1952**
The production of the first 24 hours was **183.4** barrels of fluid of which **99** % was oil; **1** % emulsion; % water; and % sediment. Gravity, Be. **46.2**
If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

R. W. Beland Driller **W. T. Jones** Driller
G. O. Potts Driller **L. R. Williams** 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 **10th**day of **April**, 19 **52****D. F. HARRISON**
Notary PublicMy Commission expires **June 1, 1953****Denver City, Texas** **April 1, 1952**
Place DateName **Norman Allen**Position **District Superintendent**Representing **The Atlantic Refining Company**
Company or OperatorAddress **Box 1038, Denver City, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	301	301	Redbed, Shale & Shells
301	1,590	1289	Redbed & Shells
1,590	2,110	520	Redbed, Shells & Anhy
2,110	2,600	490	Anhydrite
2,600	3,342	742	Anhydrite & Salt
3,342	4,245	903	Anhydrite & Gyp
4,245	4,710	465	Anhydrite
4,710	4,815	105	Anhydrite & Lime
4,815	8,425	3610	Lime
8,425	8,460	35	Lime & Shale
8,460	10,008	1548	Lime
10,008	10,225	217	Lime & Shale
10,225	10,494	269	Lime
10,494	10,500	6	Lime & Chert
10,500	10,680	180	Lime
10,680	10,715	35	Lime & Shale
10,715	10,755	40	Lime
10,755	11,152	397	Lime & Shale
11,152	11,424	272	Lime
11,424	11,589	165	Lime & Chert
11,589	11,605	16	Lime & Shale
11,605	11,703	98	Lime
11,703	11,753	50	Lime & Shale
11,753	11,777	24	Lime
11,777	11,812	35	Lime & Chert
11,812	11,858	46	Lime
11,858	12,021	163	Lime & Chert
12,021	12,059	38	Lime
12,059	12,113	54	Lime & Chert
12,113	12,436	323	Lime
12,436	12,648	212	Lime & Shale
12,648	12,720	72	Lime

WT - NM
Province

B. C. Dickinson "A" #3
Lease—Tract—Well No.

Denton-Devonian
Field—Pool—Producing Zone

Lea, New Mexico
County State

DRILL STEM TESTS

Drill Stem Test No.	1	2
Date	3-17-52	3-19-52
Name of Test Tool		Johnston
Kind of Packer	8" Form Pkr	8" Form Pkr
Depth of Hole	12,675'	12,700'
Depth—Bottom of Packer	12,635'	12,675'
Name—Formation Tested	Devonian	Devonian
Interval Tested (If Open Hole, so State; or if Perforated casing, Give Top and Bottom of Perforations)	12,635-675'	12,675-700'
Water Load	2000'	2000'
Chokes (Bottom and Top)	5/8" - 1"	5/8" - 1"
Total Length of Time Tool Open	70 Min.	60 Min.
No. of Times & Elapsed Time Tool Opened Each Attempt	Once	Once
Surface Reaction: Type and Elapsed Time		
(1) Air	Wk blo inc to good blow	Wk blo grad inc to vry str blo
(2) Gas	None	None
(3) Water Load (Specify if Charged with Oil or Gas)	None	None
(4) Drilling Mud (Specify if Cut with oil, Gas and/or Water)	None	None
(5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)	None	None
(6) Water (Specify kind and if cut with Oil and/or Gas or B. S.)	None	None
Recovery Fluid in Feet from Drill Pipe		
(1) Water Load	2000' O & G cut	2000' O & G cut
(2) Mud	210' O & G cut	330' Hvly O & G cut
(3) Oil and Gas	30' oil	240' oil
(4) Water—Kind? (I.e. Salt or Sulphur, Fresh, etc.)	None	None
BHP Flowing	1150#	1150#
BHP Shut In	2100#	5000#
Rate Flow Oil and Gas	None	None
Gas/Oil Ratio BS & W	None	None

REMARKS: (Should Indicate Reaction after Tool Closed and While Coming out of Hole. Specify.)

DRILL STEM TESTS

Drill Stem Test No.		
Date		
Name of Test Tool		
Kind of Packer		
Depth of Hole		
Depth—Bottom of Packer		
Name—Formation Tested		
Interval Tested (If Open Hole, so State; or if Perforated casing, Give Top and Bottom of Perforations)		
Water Load		
Chokes (Bottom and Top)		
Total Length of Time Tool Open		
No. of Times & Elapsed Time Tool Opened Each Attempt		
Surface Reaction: Type and Elapsed Time		
(1) Air		
(2) Gas		
(3) Water Load (Specify if Charged with Oil or Gas)		
(4) Drilling Mud (Specify if Cut with oil, Gas and/or Water)		
(5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)		
(6) Water (Specify kind and if cut with Oil and/or Gas or B. S.)		
Recovery Fluid in Feet from Drill Pipe		
(1) Water Load		
(2) Mud		
(3) Oil and Gas		
(4) Water—Kind? (I.e. Salt or Sulphur, Fresh, etc.)		
BHP Flowing		
BHP Shut In		
Rate Flow Oil and Gas		
Gas/Oil Ratio BS & W		

REMARKS: (Should Indicate Reaction after Tool Closed and While Coming out of Hole. Specify.)

Above Correct—Signature Norman A. Carey

Title District Superintendent

Date April 2, 1952

IT IS RECOMMENDED THIS INFORMATION BE COMPILED ON DERRICK FLOOR AND ORIGINAL BE PERMANENTLY RETAINED IN WELL RECORD

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J. Am. Statist. Assoc. 92(439):1032-1042, 1997.

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WT - NM		B. C. Dickinson "A" #3				Denton (Devonian)				Lea, New Mexico			
Province		Lease—Tract—Well No.				Field—Pool—Producing Zone				County		State	
DECLINATION TESTS										SAFETY JOINT			
Depth	Deviation	Depth	Deviation	Depth	Deviation	Depth	Deviation	Depth	Deviation	Make	R.-L. Thd. or Shear Pin	Weight To Shear	Depth Set
300	3/4	4610	3/4	6350	1	7946	1	9275	1/2				
2110	1/4	4844	1	6565	1	8110	1	9315	3/4				
2460	3/4	5000	3/4	6660	1	8420	1 1/4	9360	3/4				
3150	1/4	5120	1/2	6900	1	8502	1 1/4	9455	3/4				
3275	3/4	5285	1/4	7050	1/2	8575	1	9615	3/4				
3655	1 1/4	5500	3/4	7175	3/4	8760	1 1/4	9650	3/4				
4205	1	5715	3/4	7255	3/4	9000	3/4	9700	3/4				
4350	1	6060	1 1/4	7660	3/4	9118	3/4	9760	3/4				
4470	3/4	6243	1	7740	1	9190	3/4	9825	3/4				

CORE REFERENCE DETAILS "Daily Drilling or Remedial History (3B-459)"																							
Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.

BOTTOM HOLE PRESSURE: DATUM									
Date	Pressure	Date	Pressure	Date	Pressure	Date	Pressure	Date	Pressure

ELECTRICAL OR OTHER LOGGING OR SPECIAL TESTING DATA (Including surveys)							
Date	Kind	From	To	Date	Kind	From	To
3-20-52	Schlumberger Elect.	12,690'	4716'				

EQUIPMENT: Supply "Pumping Record (3B-432-B)" or "Gas Lift Installation (3B-587)" Where Applicable							
Date	Item	Test Pres.	Make	Dwg. No.	Serial No.	Date Removed	Reason
	"Pickup Joint: Size and Thread"						
	Tubing Head						
	Braden Head						
	Casing Head						
	Flow Line Size & Length		Wells in Same Line (Nos.)				
	Separator (Make)		Wells in Same Separator (Nos.)				
	Battery No.	Number and Size:	Wood	Capacity:	Steel	Capacity: Total	Capacity on Lease
	Wells in this Battery (By the Numbers)						

IMPORTANT: Compile in every applicable detail and forward IMMEDIATELY on completion of new well attached to the final "Daily Drilling or Remedial History" (3B-459). OLD WELLS: Where "Inhole" work is done, compile form in every applicable detail from time of original completion, including present work. All cumulative data MUST be included as space permits. Indicate pertinent information which cannot be covered in the body of the form in space below, including removals from proration schedule—"Date, Supplement, Length of Time Off (in das.), Barrels of Production Lost, Date Returned to Production." Give condition "BEFORE" and "AFTER" on remedial operations. (The Accurate Compilation of the Record is Invaluable).

Dates

April 2, 1952

Above Correct—Signature(s)

For Drilling Section

For Petroleum Engineering

Superintendent

Norman A. Carrigan

Page No. _____ of _____ Pages

(Use Reverse Side "Tumble Fashion" for Additional Space)

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4	0011	1/2	0011	1/2	0011	1/2	0011
5	0100	1/2	0100	1/2	0100	1/2	0100
6	0101	1/2	0101	1/2	0101	1/2	0101
7	0110	1/2	0110	1/2	0110	1/2	0110
8	0111	1/2	0111	1/2	0111	1/2	0111
9	1000	1/2	1000	1/2	1000	1/2	1000
10	1001	1/2	1001	1/2	1001	1/2	1001
11	1010	1/2	1010	1/2	1010	1/2	1010
12	1011	1/2	1011	1/2	1011	1/2	1011
13	1100	1/2	1100	1/2	1100	1/2	1100
14	1101	1/2	1101	1/2	1101	1/2	1101
15	1110	1/2	1110	1/2	1110	1/2	1110
16	1111	1/2	1111	1/2	1111	1/2	1111

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It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed oil or gas well.

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator The Atlantic Refining Company Lease B. C. Dickinson "A"
 Address Box 1030, Denver City, Texas P. O. Box 2619, Dallas 1, Texas
 (Local or Field Office) (Principal Place of Business)
 Unit 2 Wells No. 3 Sec. 34 T11-S R. 37-E Pool Denton County Lee
 Kind of Lease Patented Land Location of Tanks 200' PML & 660' PML, SW/4 Sec 34
 Transporter Service Pipe Line Co. Address of Transporter Box 337, Midland, Texas
 (Local or Field Office)
Box 1979, Tulsa, Oklahoma Percent of oil to be transported 100 Other transporters authorized
 (Principal Place of Business)
 to transport oil from this unit are None %
 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 2nd day of April, 1952

The Atlantic Refining Company
 (Company or Operator)

By Norman A. Carr

Title District Superintendent

Approved: 4 - 12, 1952

OIL CONSERVATION COMMISSION

By Ray O. Guhracek

(See Instructions on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas 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 proration period, the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas 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 or gas 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 or gas 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 or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

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