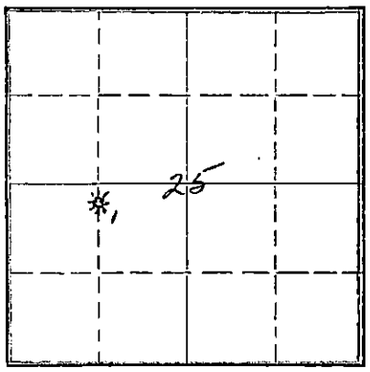
15-119-10299-0000

STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Meade County. Sec. 25 Twp. 34S Rge. (E) 26 (W)

Location as "NE/CNW¼SW¼" or footage from lines C N/2 N/2 SW/4

Lease Owner Skelly Oil Company

Lease Name McKinney "C" Well No. 1

Office Address Box 1650, Tulsa, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) Gas

Date well completed January 23, 19 57

Application for plugging filed June 30, 19 60

Application for plugging approved July 1, 19 60

Plugging commenced July 8, 19 60

Plugging completed July 11, 19 60

Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production June 21, 19 60

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Mr. W. L. LacKamp

Producing formation Morrow Depth to top 5770' Bottom ____ Total Depth of Well 5945' Feet

Show depth and thickness of all water, oil and gas formations. PB 5845'

OIL, GAS OR WATER RECORDS — CASING RECORD

FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED OUT
Morrow	Gas	5815'	5840'	8-5/8"	928'9"	None
				5-1/2"	5990'9"	2833'0"

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from ____ feet to ____ feet for each plug set.

Rock	5845'	to	5815'
45 sacks of cement	5815'	to	5455'
Heavy mud	5455'	to	920'
Rock bridge	920'	to	910'
10 sacks of cement	910'	to	880'
Mud	880'	to	550'
Rock bridge	550'	to	540'
20 sacks of cement	540'	to	490'
Mud	490'	to	40'
Rock bridge	40'	to	30'
10 sacks of cement	30'	to	6'
Surface soil	6'	to	Surface

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CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Ace Pipe Pulling Company

Address P.O. Box 304, Great Bend, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.

H. E. Wamsley (employee of owner) ~~or (owner or operator)~~ of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) H. E. Wamsley

Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 26th day of July, 19 60

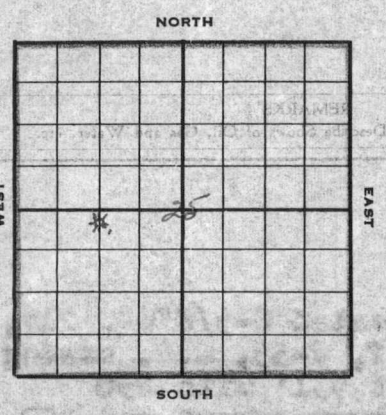
Josephine L. Johnson
Notary Public.

commission expires April 7, 1963

5441

Form N47A Rev.

15-119-10299-0000



SKELLY OIL COMPANY

Well Record

#58820

2138'RB
2137'DF

Lease Name and No. McKinney "C" Well No. 1 Elev. 2128'RH

Lease Description Section 25-34S-26W, Meade Co., Kansas
(640 Acres)

Location made November 26, 1956 by Meade County Engineer

2600' feet from North line ____ feet from East line } of Sec. 25
____ feet from South line 1320 feet from West line }

Work com'd 11/28 1956 Rig comp'd 11/30 1956 Drlg. com'd 11/30 1956 Drlg. comp'd 1/2 1957

Rig Contractor Claude Wentworth Drilling Co., Inc.

Drilling Contractor Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma

Rotary Drilling from 0' to 5945' Cable Tool Drilling from To complete to ____

Commenced Producing January 23, 1957 { Initial Prod. before shot or acid ____ Bbls.
Initial Prod. after shot or acid ____ Bbls.

Dry Gas Well Press SI CP-1660# Volume 12,730,000 Cu. ft.

Casing Head Gas Pressure ____ Volume ____ Cu. ft.

Braden Head (8-5/8"X5½"OD Size) Gas Pressure ____ Volume ____ Cu. ft.

Braden Head (Size) Gas Pressure ____ Volume ____ Cu. ft.

PRODUCING FORMATION Morrow (Name) Top 5805' 5815' Bottom 5809' 5822' TOTAL DEPTH 5945' PB 5839'

CASING RECORD

OD Size	Wt.	Thds.	Where Set	PULLED OUT Jts.	PULLED OUT Feet	PULLED OUT In.	LEFT IN Jts.	LEFT IN Feet	LEFT IN In.	KIND	Cond'n	CEMENTING Sacks Used	CEMENTING Method Employed
8-5/8"	24#	8R	931'				29	928	9	J55 R2 SS	A	250	Halliburton
5-1/2"	15½	8R					92	2977	2	J55 R2 SS	A		
5-1/2"	14#	8R					61	2007	6	J55 R2 SS	A		
5-1/2"	15½	8R	5945'				31	1006	1	J55 R2 SS	A	300	Halliburton

(8-5/8" casing set 1' in cellar, and 5½' cased to derrick floor)

5½" casing perforations open: 5805'-5809' with 24 holes, and 5815'-5822' with 42 holes

____ Liner Set at ____ Length ____ Perforated at ____

____ Liner Set at ____ Length ____ Perforated at ____

Packer Set at ____ Size and Kind ____

SHOT OR ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	1/17/57	1/18/57		
Acid Used Size Shot	500 Gals. Qts.	Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	5805 Ft. and 5809 Ft.	5805 Ft. and 5822 Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell		Dowell Inc.		
Put in by (Co.)	Dowell Inc.	Petro-Frac		
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS From	GAS To	OIL From	OIL To	REMARKS
Lansing Lime	5276'						
Cherokee	5487'						
Morrow	5770'		5805'	5809'			
Morrow Sand	5815'		5815'	5822'			
Chester	5850'						

CLEANING OUT RECORDS

	DATE COMMENCED	DATE COMPLETED	PROD. BEFORE	PROD. AFTER	REMARKS
1st					See Reverse for other details.
2nd					" " " " "
3rd					" " " " "
4th					" " " " "

PLUGGING BACK AND DEEPENING RECORDS

	Date Commenced	Date Completed	No. Feet Plugged Back or Deepened	Prod. Before	Prod. After	REMARKS
1st						See Reverse for other details.
2nd						" " " " "
3rd						" " " " "
4th						" " " " "

(See Reverse for Record of Formation)

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface soil, sand, clay and lime	0	265	
Shale, shells and sand	265	915	
Shale and shells	915	931	Set and cemented 8-5/8"OD, 24#, 8R thd., R-2, J-55, S.S. casing (A cond.) at 931' with 250 sacks of common cement and 250 sacks with 4 sacks of calcium chloride. Cement circulated.
Shale and shells	931	1480	
Lime and shale	1480	1765	
Shale and shells	1765	1995	
Shale and lime	1995	2989	
Lime and chalky clay	2989	3070	
Lime and shale	3070	4385	
Shale and shells	4385	4460	
Lime and shale	4460	4574	
Shale and shells	4574	4619	
Lime and shale	4619	4676	TOP LANSING LIME 4566'
Lime	4676	4722	
Shale and lime	4722	4797	
Lime, shale and sand	4797	4836	Ran Halliburton drill stem test No. 1, packer set at 4736', used 100' anchor, open 1 hour, good blow for 1 hour, recovered 2890' of salt water, IFP-490#, FFP-1715#, BHP-1770# in 20 mins.
Lime and shale	4836	4915	
Lime	4915	4963	
Lime and shale	4963	5004	
Lime	5004	5143	
Lime and shale	5143	5212	
Lime	5212	5263	
Lime and shale	5263	5363	TOP MARMATON LIME 5276'
Lime	5363	5447	
Lime and shale	5447	5470	TOP CHEROKEE LIME 5487'
Lime	5470	5500	
Lime	5500	5576	
Lime	5576	5655	
Lime and shale	5655	5681	
Lime	5681	5720	
Lime and shale	5720	5800	TOP MORROW SHALE 5770'
Cored from 5800' to 5841' - Recovered 40'			
Top 6' - Dark gray and brown, coarsely crystalline, fossiliferous, glauconitic dense lime			
Next 4' - Green, fine grained limy glauconitic sand, slight porosity, slight show of gas			
Next 1' - Tan, coarsely crystalline, fossiliferous sandy dense lime			
Next 5' - Green, fine grained limy, shaly, fossiliferous glauconitic dense sand			
			TOP MORROW SAND 5815'
Next 7' - White, fine grained, slightly friable sand, porous, good show of gas			
Next 1' - Tan, coarsely crystalline, fossiliferous dense lime			
Next 3' - Dark gray shale			
Next 13' - Dark gray to brown, fine to coarse crystalline, fossiliferous lime with sandy shale streaks.			
			Ran Johnston drill stem test No. 2, packer set at 5766', used 75' anchor, open 1 hour, gas gauged 993 M.C.F. in 15 mins. gas gauged 1,214 M.C.F. in 30 mins., 2,418 M.C.F. in 45 mins., and 2,626 M.C.F. in 1 hour, recovered 90' of gas cut mud, IFP-415#, FFP-675#, BHP-2850# in 20 minutes.
Lime	5841	5899	TOP CHESTER 5850'
			Ran Halliburton drill stem test No. 3, packer set at 5838', used 61' anchor, open 1 hour, weak blow for 15 minutes, recovered 30' of drilling mud, IFP-30#, FFP-40#, BHP-300# in 20 minutes.
Lime	5899	5945	Ran Schlumberger Survey
TOTAL DEPTH	5945		

(See Reverse for Record of Formation)

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Set and cemented 2977'2" of 5½" OD, 15.5#, 8R, R-2, J-55, S.S. casing (A cond.); 2007'6" of 5½"OD, 14#, 8R, R-2, J-55, S.S. casing (A cond.); and 1006'1" of 5½"OD, 15.5#, 8R, R-2, J-55, S.S. casing (A cond.) at 5945' with 300 sacks of common cement. Finished cementing at 12:30 a.m. 1/4/57. Halliburton Temperature Survey showed top of cement behind 5½" casing at approximately 4475'.

Rigged up cable tools and bailed the hole dry to 5870' on January 16, and 5½" casing tested dry. Plugged back with rock 5870' to 5839'.

PLUGGED BACK TOTAL DEPTH 5839'

Perforated 5½" casing from 5805' to 5809' with 24 holes by McCullough, and treated through 5½" casing with 500 gallons of Dowell Mud acid as follows:

ACID TREATMENT NO. 1 - Between 5805' and 5809'

Treatment put in 1/17/57 by Dowell, Inc., using 500 gallons of acid and 142 barrels of water.

TIME	CP	TP	REMARKS
2:45 pm			Started acid
2:47 pm			Acid in
2:59 pm			Start to load hole with water
3:16 pm	100#		Hole loaded
3:24 pm	500#		
4:21 pm	800#		
5:29 pm	900#		
5:39 pm	1000#		
6:10 pm	1000#		
8:40 pm	1100#		500 gallons of acid in formation

Perforated 5½" casing from 5815' to 5822' with 42 holes by McCullough. Ran swab and well started flowing. Flowed through 5½" casing 4 hours, no gauge on gas. On January 18, flowed through 5½" casing 4 hours, gas gauged 2,640 M.C.F. Ran Dowell Petrofrac through 5½" casing as follows:

PETRO-FRAC TREATMENT NO. 1 - Between 5805'-09' and 5815'-22'

Used 500 gallons of kerosene
8000 gallons of Petrogel
8000# of 20/40 sand
500 gallons of kerosene
132 barrels of water to flush
Maximum CP-2400#
Time 9 minutes

Ran 2" tubing with mud anchor, swabbed well in through 2" tubing. Well started flowing and sand cut out tubing gate valve. Loaded tubing with 20 barrels of water and replaced tubing gate valve. Then flowed through 2" tubing 8 hours and gas gauged 6,000 M.C.F., CP-990#.

Shut in 24 hours on January 21, SI CP-1620#. After being shut in 72 hours, SI CP-1660#. On January 23, flowed through 2" tubing 1½ hours, gas gauged 5,690 M.C.F. with 1075#-CP for calculated absolute open flow of 12,730 M.C.F. gas daily.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
300'	1/4 Degree
500'	1/4 "
1000'	1/2 "
1300'	1/2 "
1500'	1/4 "
1750'	1/4 "
2000'	1/2 "
2250'	3/4 "
2543'	3/4 "
2780'	1/2 "
3570'	3/4 "
4362'	3/4 "
4540'	1/4 "
5004'	1 "
5250'	1½ "
5435'	1 "
5650'	3/4 "

15-119-10299-0000

MCKINNEY "C" WELL NO. 1 (Meade Co., Kans.) Sheet No. 3

CLEANING OUT AND RETESTING, CEMENTING OFF PERFORATIONS

Date Commenced: February 23, 1957
Date Completed: March 22, 1957

Cleaned out and plugged back to 5845' PB TD-5845'

Production Before: Casing pressure dropped, indicating loss in theif zone
Production After: 2,420 M.C.F., CP-450#, SI deadweight CP-1416#

5½" casing perforations open above bridging plug: 5815'-22' with 42 holes and 5838'-5840' with 8 holes

Producing Formation: Morrow

- - - - -

On February 23, 1957, moved in pulling unit of Pratt Well Service Company and loaded hole with 80 barrels of condensate and 175 barrels of water. Pulled 2" tubing and bailed and cleaned out sand from 5819' to 5839'.

Perforated 5½" casing from 5836' to 5838' with 12 holes by McCullough [illegible] plugged back with 62 gallons of Dowell Cealment from 5839' to 5832'. Ran 2" tubing with mud anchor and swabbed to bottom. Swabbed off bottom 10 hours the water used to load hole, with light show of gas. Swabbed hole dry, gas gauged 100 M.C.F., no water.

Shut in and pressured up to 1040#. Spotted 200 gallons of Halliburton mud acid on bottom. Let set 1½ hours, opened and flowed through 2" tubing 1½ hours, no increase in gas, no water. Treated through 5½" casing with 2000 gallons of Halliburton 5% acid and 40 gallons of Morflo as follows:

ACID TREATMENT NO. 2 - Between 5805'-5822' and 5815'-5822'

Treatment put in 2/28/57 by Halliburton, using 2000 gallons of acid and 130 barrels of water, and 40 gallons Morflo

TIME	CP	TP	REMARKS
5:00 am	0#		Start acid, 15%
5:16 am	0#		Flush
3:12 pm	700#		Start 5% acid
3:18 pm	300#		Start flush
3:30 pm	1200#		
3:41 pm		1900#	
3:47 pm		1500#	

Swabbed through 2" tubing 5 hours to clean hole and well started flowing. Flowed through 2" tubing 2 hours, gas too wet to gauge, SI 8 hours, CP-1080#. Flowed through 2" tubing 2 hours, gas gauged 2,060 M.C.F. with light spray of water, CP-360#.

SI 6 hours, CP-1160#. On March 1, flowed through 2" tubing 1 hour, gas gauged 3,060 M.C.F., CP-360#. Turned well on line 3/1/57.

Moved in tools of W. L. Copeland on March 13, 1957, loaded hole with 50 barrels of condensate and 100 barrels of water. Pulled 2" tubing and cleaned out to 5835'. Ran 2" tubing and set Halliburton HM packer at 5827', pressured to 4000#. Let set 20 minutes, could not pump into formation.

Perforated 5½" casing from 5838' to 5840' with 8 Welex swing-jet shots, pressured to 4000#, formation did not take fluid. Pulled 2" tubing and perforated 5½" casing from 5768' to 5770' with 8 Welex swing-jet shots. Set packer at 5788' and pressured to 1200#, formation would not take fluid. Pulled 2" tubing and packer.

Set 5½" Baker bridging plug at 5811' and plugged back with 40 gallons of Dowell Cealment from 5811' to 5774', pressured to 1500#. Then plugged back with 10 gallons of Dowell Cealment from 5774' to 5765', pressured to 1500#. Let set 12 hours.

Drilled Cealment and drove bridging plug to 5845'. Ran 2" tubing with mud anchor and swabbed through 2" tubing 4 hours and well started flowing. Flowed hole dry, gas too weak to gauge. Ran tubing swab, no water in tubing. Dumped 1 barrel of Halliburton mud acid on bottom. Let set 5 hours, pressured to 600#. Shut in 7 hours, CP-925#. Treated through 2" tubing with 1000 gallons of Dowell "F-33 W-17" 7½% acid as follows:

0000-PP-601-P11-21

ACID TREATMENT NO. 3 - Between 5815'-22' and 5838'-40'

Treatment put in 3/20/57 by Dowell Inc., using 1000 gallons of acid and 108 barrels of water.

TIME	CP	TP	REMARKS
10:06 am	1050#	850#	Start acid in tubing
10:09 am		1300#	
10:26 am	1200#		Start flush
10:37 am	1000#		
11:03 am	200#		Change to tubing
11:06 am		300#	Start water in tubing
11:15 am		100#	Finished flush

Flowed through 2" tubing 2 hours, gas gauged 1,020 M.C.F., CP-320#. Shut in 8 hours, CP-1120#, SI CP-1240#. On March 21, flowed through 2" tubing 7 hours, gas gauged 1,350 M.C.F. Moved out cable tools.

On March 22, flowed through 2½" tubing 2½ hours, gas gauged 2,420 M.C.F., CP-450#. Shut in 15 hours, SI deadweight CP-1416#.

PLUGGED BACK TOTAL DEPTH 5845'

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McKinney "C" Well No. 1 (Meade Co., Kans.) Sheet No. 4

PETRO-FRAC TREATMENT

Date Commenced: August 9, 1957
Date Completed: August 23, 1957

Production Before: Would not deliver against line pressure
Production After: 200 MCF gas, SI CP-760#

Total Depth: PB 5845'

- - - - -

On August 9, 1957, ran Dowell Petro-frac through 5½" casing and 2" tubing as follows:

PETRO-FRAC TREATMENT NO. 2 - Between 5815' and 5822'
Used 30,000 gallons of Petrogel
30,000# of sand
Maximum CP-2500#
Time 50 minutes
Used 132 barrels water to flush

On August 10, 1957, moved in and rigged up pulling unit of Pratt Well Service. Swabbed through 2" tubing 9 hours, no gas; then swabbed through 2" tubing to bottom, light show of gas, well would not flow.

SI CP-400#, 1200' fluid in hole. On August 12, swabbed and well started to flow. Flowed 30 minutes. Swabbed off bottom 6 hours, 3 barrels of fluid per hour (used in treatment); then swabbed off bottom 1 hour, 1 barrel of fluid used in treatment.

On August 13, SI CP-580#. Opened well and well started to flow. Flowed through 2" tubing 3 hours, 1½ barrels of fluid per hour (used in treatment). Swabbed through 2" tubing 30 minutes, 1 barrel of fluid used in treatment. Flowed through 2" tubing 1 hour, 3/4 barrel of fluid used in treating.

SI CP-600#. On August 14, flowed through 2" tubing 38 minutes, 10 barrels of fluid used in treatment, pressure dropped to 200#.

SI CP-660#. On August 15, flowed through 2" tubing 36 minutes, 10 barrels of fluid used in treating, pressure dropped to 220#. Shut in to flow intermittently.

SI CP-700#. On August 20, differiental 33", on line 1 hour, CP dropped to 460#.

SI CP-760#. On August 23, delivered gas 3 hours at 200 MCF and pressure dropped to 460#.

PLUGGED BACK TOTAL DEPTH 5845'

15-119-10299-0000cc

N-136 Rev. 1M

SKELLY OIL COMPANY

REPORT OF CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc., not recorded in original well record.

LEASE: [illegible] WELL NO.: 1 DISTRICT: [illegible]

SEC. 25 T. 34S R 29W COUNTY: Meade JOB NO.: 6275

SURVEY: ______ BLOCK: ______ STATE: Kansas

CLEANING OUT RECORD	PLUGGING BACK OR DEEPENING RECORD
Date commenced 19	Date commenced July 6, 1960
Date completed 19	Date completed July 11, 1960
Cleaned out from ...... to ...... T. D.	Plugged back or deepened from 5945' to Surf. T.D. P & A
Prod. before ...... bbls. oil ...... bbls. water ...... cu. ft gas	Prod. before 0 bbls. oil 0 bbls. water 57,000 cu. ft. gas
Prod. after ...... bbls. oil ...... bbls. water ...... cu. ft gas	Prod. after ...... bbls. oil ...... bbls. water ...... cu. ft. gas
Kind of tools used:	Kind of tools used:
Tools owned by:	Tools owned by: Ace Pipe Pulling Co.

SHOT RECORD

Date				
Size shot	Qts.	Qts.	Qts.	Qts.
Shot between	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of shell				
Put in by (Co.)				
Length anchor				
Distance below casing				
Damage to casing or casing shoulder				

OWT CHANGES IN CASING RECORD

OD SIZE	Wt.	Thds.	Where Set	PULLED OUT Jts.	PULLED OUT Feet	PULLED OUT In.	LEFT IN Jts.	LEFT IN Feet	LEFT IN In.	KIND	Cond'n	CEMENTING Sacks Used	CEMENTING Method Employed
5-1/2"	15½	8R		63	2833	0	35	1150	3	J55 R2 SS	N		
5-1/2"	14#	8R	5945'				61	2007	6	J55 R2 SS			

......Liner set at ...... Length ...... Perforated at ......

Packer set at ...... Size and kind ......

RECEIVED
STATE CORPORATION COMMISSION
JUL 27 1960
CONSERVATION DIVISION
Wichita, Kansas

Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest)

Due to the small productivity and the fact that there are no other zones to be tested, regular authority was granted to plug and abandon the well.

On July 8, 1960, rigged up machine of Ace Pipe Pulling Company and plugged the well as follows:

Rock	5845' to 5815'
45 sacks of cement	5815' to 5455'

Shot off 5½" casing at 3984', 3505', 3300', and 3009', and 2811'. Pulled 68 jts. of 5½" casing.

Heavy mud	5455' to 920'
Rock bridge	920' to 910'
10 sacks of cement	910' to 680'
Mud	680' to 550'
Rock bridge	350' to 540'
20 sacks of cement	540' to 490'
Mud	490' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to 6'
Surface soil	6' to Surface

Plugged and abandoned July 11, 1960.

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.