

DUPLICATE

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
FEB 11 1938
NEGATIVE
HOBBS OFFICE

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Plains Production Company, Jal, New Mexico, and Dallas, Texas.

Company or Operator **R. L. Mesley** Address **M.E. of S.E. 34 243**
Well No. **37 E** in **Jal** of Sec. **34** T. **243**
Lease **3630** N. M. P. M. **Jal** Field **Lea** County **Soc. 34**
Well is **3630** feet south of the North line and **3630** feet west of the East line of
If State land the oil and gas lease is No. **3630** Assignment No. **3630**
If patented land the owner is **R. L. Mesley,** Address **Jal, New Mexico.**
If Government land the permittee is **Plains Production Co. Assignee Prairie** Address **Jal, New Mex.**
The Lessee is **Plains Production Co. Assignee Prairie** Address **Jal, New Mex.**
Drilling commenced **Nov. 30, 1937** Drilling was completed **Jan. 30, 1938.**
Name of drilling contractor **Plains Production Co.** Address **Jal, New Mex.**
Elevation above sea level at top of casing **3630** feet.
The information given is to be kept confidential until **19**

OIL SANDS OR ZONES

No. 1, from **3350** to **3353** No. 4, from **3425** to **3431**
No. 2, from **3363-** to **3373** No. 5, from **3425** to **3431**
No. 3, from **3375** to **3380** No. 6, from **3425** to **3431**

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from **448** to **485** feet. **160 feet of top.**
No. 2, from **448** to **485** feet.
No. 3, from **448** to **485** feet.
No. 4, from **448** to **485** feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
15 1/2	70	8	Nat.	175	Yoke			
8-5/8	32	8	JAL	3250	Haliburton.			
7"	24	10	JAL	3227	Haliburton.			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2	15 1/2	175	200	Haliburton.	(Haliburton.)	
10	8-5/8	1350	150	Haliburton		
8 1/2	7"	3227	150	Haliburton.		

PLUGS AND ADAPTERS

Heaving plug—Material **175** Length **175** Depth Set **175**
Adapters—Material **175** Size **175**

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
5"		Solidified	360	Feb. 3 1938	3360	back to 3460

Results of shooting or chemical treatment **Good**

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 **top** feet to **bottom** feet, and from **top** feet to **bottom** feet
Cable tools were used from **top** feet to **bottom** feet, and from **top** feet to **bottom** feet

PRODUCTION

Put to producing **Feb. 16, 1938.** 19
The production of the first 24 hours was **15 bbls per hour.** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be **1200**
If gas well, cu. ft. per 24 hours **1200** Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. **1200**

EMPLOYEES

Clyde Hicks, Driller **Bill Fink,** Driller
W. H. Hayes, Driller **F. K. Aggers.** 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 **9** day of **February**, 19**38**
Peter Bish Notary Public.
My Commission expires **May 17, 1941**
Jal, N. M., **Feb 9, 1938.**
Place **Partner, Vice-President.**
Name **Plains Production Co.**
Position **Plains Production Co.**
Representing **Jal, New Mex.**
Company or Operator **Jal, New Mex.**
Address **Jal, New Mex.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cellar
10	45	35	Caliche.
45	95	50	Surface sand.
95	120	25	Red rock
120	130	10	Blue shale
130	135	5	Red rock
135	145	10	Blue shale.
145	175	30	Red rock
175	255	80	Blue shale
255	370	115	Red rock.
370	390	20	Blue shale
390	448	58	Red rock, shale.
448	485	37	Sand, water.
485	495	10	Blue shale.
495	525	30	Sand rock, blue shale.
525	555	30	Red rock.
555	585	30	Sandy red rock, shale.
585	625	40	Blue shale, sandy.
625	645	20	Blue and red shale.
645	989	344	Red rock, shale.
989	1115	26	Anhydrite.
1115	1185	70	Red rock, shale.
1185	1285	100	Salt, red rock.
1285	1310	25	Anhydrite.
1310	1350	40	Salt.
1350	1435	85	Salt, and Anhydrite shells.
1435	1475	40	Salt.
1475	1585	100	Salt, anhydrite shells.
1585	1705	120	Salt.
1705	1715	10	Anhydrite.
1715	2205	490	Salt and Anhydrite shells.
2205	2300	95	Salt.
2300	2330	30	Salt, Anhydrite shells.
2330	2410	80	Anhydrite.
2410	2505	95	Lime.
2505	2705	200	Anhydrite and lime shells, shale breaks.
2705	2885	180	Lime.
2885	2900	15	Brown lime.
2900	3010	110	Lime
3010	3030	20	Brown lime.
3030	3090	60	Lime.
3090	3115	25	Lime with shale breaks.
3115	3185	70	Brown lime.
3185	3227	42	Lime.
3227	3270	43	Lime, gas 3250 to 3270
3270	3280	10	Shale.
3280	3300	20	Broken lime.
3300	3350	50	Lime
3350	3353	3	Oil sand, oil.
3353	3373	20	Sand, shale, oil.
3373	3383	10	Sand Lime, oil
3383	3395	12	Broken lime.
3395	3425	30	Lime.
3425	3431	6	Oil sand, Oil.
3431	3470	39	Lime, total depth.

RECEIVED AND REPLYING OFFICE

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RECORDS OF SHOOTING OR CHEMICAL TREATMENT

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REF ID: A66086

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