

RECEIVE

W. H. F. ...
 2 mcf (bar) = 24" x 14" = 954 in.
 48" x 14" = 1344 in.

3040-890

FEB 2 1971 FIELD DATA SHEET

Type Test: O.G.C. ☒ Initial ☐ Annual ☒ Special		Test Date 8-19-70	Lease No. or Serial No.
Company ELK Oil Co.		Connection	Allottee
Field Round Tank	Reservoir Queen Gas	Location	Unit
Completion Date	Total Depth	Plug Back TD	Elevation
Csg. Size	Wt.	d	Set At
Tbg. Size	Wt.	d	Set At
Type Completion (Describe)		Packer Set At	Form or Lease Name J.W. State
Producing Thru	Reservoir Temp. F	Mean Ground Temp. F	Baro. Press. - P _a
L	H	G _g	% CO ₂ % N ₂ % H ₂ S
Prover		Meter Run	Taps
2" OWT		State New Mexico	

DATE	ELAP. TIME	WELLHEAD WORKING PRESSURE			METER OR PROVER				REMARKS			
Time of Reading	Hrs.	Tbg. Psig	Csg. Psig	Temp F	Flow Diff.	Flow Temp	Orifice	Flow Rate	(Include liquid production data: Type - API Gravity - Amount)		Liquid Production	
11:00 A	48 hour Shut In	555	535	124	106		1 1/4"		Gas Trap Press		66705.8	
11:05 A		527	532	89	102	29	1 1/4"	798	80	60		
11:30 A		524	528	91	104	28	1 1/4"	781	80	60		
11:45 A		521	528	90	105	28	1 1/4"	781	80	60		
12:00 Noon		520	524	87	102	28	1 1/4"	781	80	60		
12:15 P		517	522	86	101	28	1 1/4"	780	81	60		
12:30 P		517	520	86	100	28	1 1/4"	779	82	60		
12:45 P		515	519	84	100	28	1 1/4"	779	82	60		
1:00 P		514	518	85	100	28	1 1/4"	779	82 F	60		
1:15		488	501	85	105	51	2 3/4"	1144	82	65		
1:30		486	498	85	105	49	2 3/4"	1115	85 F	66		
1:45		482	497	92	110	49	2 3/4"	1115	85	65		
2:00		479	496	91	110	49	2 3/4"	1114	86	65		
2:15		478	494	92	115	48	2 3/4"	1098	85	65		
2:30		477	494	92	115	48	2 3/4"	1098	85	64		
2:45		476	492	92	115	48	2 3/4"	1098	85	64		
3:00		475	491	90	115	48	2 3/4"	1098	85	64		
3:15		474	491	93	115	48	2 3/4"	1099	84	64		
3:30		473	490	92	108	47	2 3/4"	1083	83	64		
3:45		471	489	80	109	47	2 3/4"	1084	82	64		
4:00		472	488	79	107	47	2 3/4"	1090	76	64		
4:15		472	488	80	105	47	2 3/4"	1090	76	64		
4:30		471	487	78	104	47	2 3/4"	1088	78	64		
4:45		471	485	75	102	47	2 3/4"	1091	75	64		
5:00		470	485	78	100	46	2 3/4"	1082	75	64		
5:15		470	485	82	100	46	2 3/4"	1079	79	64		
5:30		469	484	76	98	46	2 3/4"	1076	81	64		
5:45		468	483	78	98	46	2 3/4"	1077	80	64		
6:00		467	482	76	98	46	2 3/4"	1077	80	63		
6:15		467	482	75	98	46	2 3/4"	1077	80	63		
6:30		466	482	74	90	46	2 3/4"	1077	80	63		
6:45		467	482	80	92	45	2 3/4"	1068	76	62		
7:00		467	482	82	92	45	2 3/4"	1069	74	62		
7:15		467	482	78	90	45	2 3/4"	1069	75	62	66705.8	
8:21-70		554	554									

Analysis Results Summary

Location Odessa, Texas
 SS No. 116
 Run No. 2-17-70
 Date Run 2-13-70
 Date Secured 2-13-70
 Time _____
 Sampler's Ident. _____
A Sample of: Gas Well Gas, Round Tank Field, Queen FormationElk Oil Co.
 Secured from Well #2, J. W. State Lease
 Location 2300' SL & 682' LL 30-15-29 County Chavez State New Mexico
 Purpose Survey Secured by J. L. Guinn
 Sampling Conditions: Atmos. Temp. 61 °F; Pressure on Bomb _____ lbs./sq. in.; Bbls oil/day _____
 Volume/day 503 Mcfd ; Weather conditions at time of sampling _____
 Field Gas Pressure _____ PSIG; Line Pressure _____ PSIG.
Chromo Analysis 14.65 PSI at 60°F

	Mol. %	Liq. %			
Carbon Dioxide			Propane	Calc. G.P.M.	<u>.854</u>
Oxygen			Iso-Butane	Calc. G.P.M.	<u>.124</u>
Nitrogen	<u>61.23</u>		Nor-Butane	Calc. G.P.M.	<u>.213</u>
Hydrogen Sulfide			Pentane +	Calc. G.P.M.	<u>.165</u>
			Propane +	Calc. G.P.M.	<u>1.356</u>
			Test Car (Date		
Methane	<u>27.32</u>		B.T.U./_____ cu. ft. W.B.		<u>517</u>
Ethane	<u>6.79</u>		Calc. Specific Gravity		<u>.695</u>
Propane	<u>3.12</u>		Calc. A.P.I. @ 60°F		
Iso-Butane	<u>.38</u>		Observed A.P.I. Av.		
Nor-Butane	<u>.68</u>		H ₂ S + CO ₂ by orsat		<u>Negative</u>
			H ₂ S grains/100 cu. ft.		<u>Negative</u>
Iso-Pentane	<u>.15</u>		Mercaptans gr/100 cu. ft.		
Nor-Pentane	<u>.14</u>				
			Calc. Vap. Press. #/sq. in.		
Hexanes	<u>.03</u>		Reid Vap. Press. #/sq. in.		
Heptanes Plus	<u>.06</u>		Cu. Ft. gas/Gal. Liq.		
			Calc. Gasoline Factors		
Total	<u>100.00</u>	<u>100.00</u>			

Run by Drain Calculated by _____Checked by Greener Approved by _____
 26-70 Gasoline 0.
 Excess Butane 0.
 Excess Propane 0.
 Excess Ethane & Lighter 0.
1.0000

Additional Data and Remarks: _____

Gas Temp. 65°Choke 4.3/16"Flowing Tubing Pressure 504.4

Distribution: _____