Company Casad Energy Corporation Lease & Well No. #5 Keller

Elevation 1712 Kelly Bushing Formation Simpson-Arbuckle Effective Pay - Ft. Ticket No. 16488

Date 9/24/82 Sec. 3 Twp. 19S Range 9W County Rice State Kansas

Test Approved by Stan Casad Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 3241 ft. to 3329 ft. Total Depth 3350 ft.

Packer Depth 3236 ft. Size 6 5/8 in. Packer Depth 3329 ft. Size 6 5/8 in.

Packer Depth 3241 ft. Size 6 5/8 in. Packer Depth 3334 ft. Size 6 5/8 in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3320 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3323 ft. Recorder Number 13240 Cap. 4500

Below Straddle Recorder Depth 3346 ft. Recorder Number - Cap. -

Drilling Contractor Duke Drlg. Rig #3 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 42 Weight Pipe Length 310 I. D. 2.8 in.

Weight 9.7 Water Loss 13.2 cc. Drill Pipe Length 2923 I. D. 3.8 in.

Chlorides 62,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 403 Anchor Length 88 ft. Size 5½OD in.

Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Fair. Increased to very good blow in fifteen minutes on initial flow period. Very good throughout final flow period.

Recovered 60 ft. of gas in pipe

Recovered 930 ft. of heavily oil and gas cut mud (45% mud;10% water;45% oil)

Recovered 60 ft. of oil cut muddy water

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:58 ~~A.M.~~ P.M. Time Started Off Bottom 5:00 ~~A.M.~~ P.M. Maximum Temperature 104°

Initial Hydrostatic Pressure			(A)	1693	P.S.I.	
Initial Flow Period	Minutes	30	(B)	103	P.S.I. to (C)	213 P.S.I.
Initial Closed In Period	Minutes	30	(D)	733	P.S.I.	
Final Flow Period	Minutes	30	(E)	239	P.S.I. to (F)	278 P.S.I.
Final Closed In Period	Minutes	30	(G)	694	P.S.I.	
Final Hydrostatic Pressure			(H)	1678	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 9/24/82 Test Ticket No. 16488

Recorder No. 3474 Capacity 3000 Location 3320 Ft.

Clock No. -- Elevation 1712 Kelly Bushing Well Temperature 104 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1693	P.S.I.
B	First Initial Flow Pressure	103	P.S.I.
C	First Final Flow Pressure	213	P.S.I.
D	Initial Closed-in Pressure	733	P.S.I.
E	Second Initial Flow Pressure	239	P.S.I.
F	Second Final Flow Pressure	278	P.S.I.
G	Final Closed-in Pressure	694	P.S.I.
H	Final Hydrostatic Mud	1678	P.S.I.

	Time Given	Time Computed
Open Tool	2:58P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	30 Mins.	30 Mins.
Final Closed-in Pressure	30 Mins.	30 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	103
P 2 5	PLUGGED
P 3 10	161
P 4 15	176
P 5 20	190
P 6 25	202
P 7 30	213
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	213
3	438
6	570
9	620
12	650
15	674
18	690
21	711
24	721
27	731
30	733

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	239
5	240
10	245
15	254
20	264
25	273
30	278

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	278
3	556
6	588
9	613
12	642
15	658
18	667
21	676
24	685
27	691
30	694

TKT # 16488

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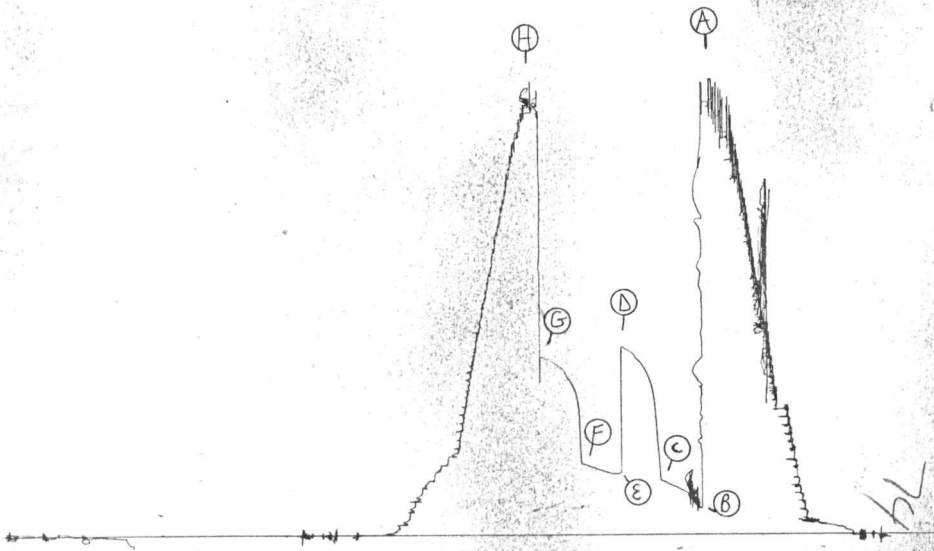

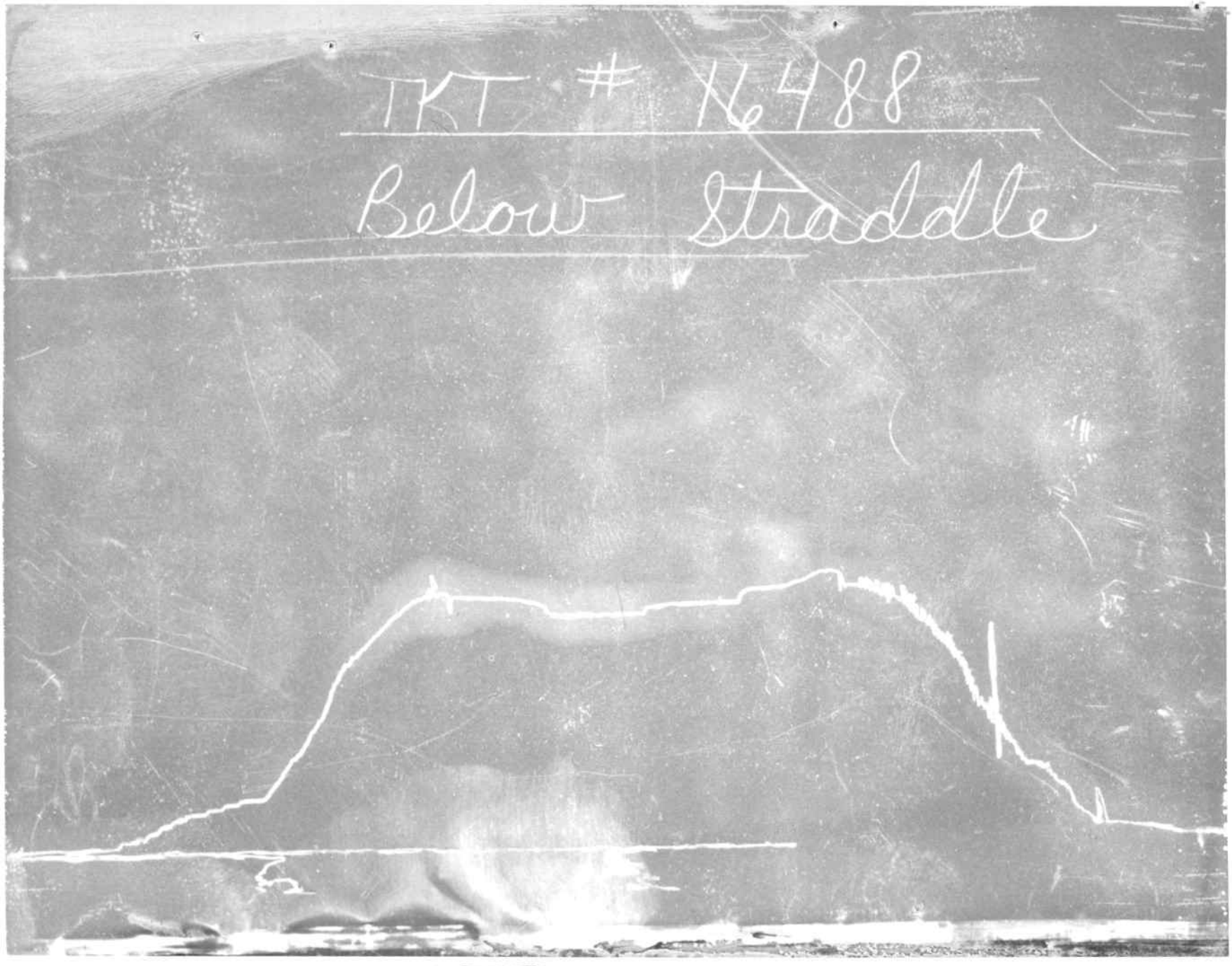
TKT # 16488
Below Straddle


TKT # 16488
Below Straddle