C-SF

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
JUL 15 1980
O. C. D.
ARTESIA, OFFICE

Type Test: [X] Initial [ ] Annual [ ] Special | Test Date: 06/30/80

Company: BASS ~~ENTERPRISES~~ Operating Co.
Connected to: AIR
Pool: MORROW

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
6-30-80	12283	12227	3284.7 GL	BIG EDDY

Csg. Size	Wt.	d	Set At	Perforations	Well No.
5½				From 11834 To 11989	# 80
Tbg. Size	Wt.	d	Set At	Perforations	Unit / Sec. / Twp. / Rge.
2 3/8	4.7			From To	I 3 21s 28e

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
SINGLE	11470	EDDY

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
TBG.	192@11798	60	13.2	NEW MEXICO

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
11798	11798	.6337	2.315	.453			4 "	FLG.

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					3435				
1.	4 X .750	300	6.0	95	3320				1 HR.
2.	4 X .750	305	14.0	102	3100				1 HR.
3.	4 X .750	335	50.0	97	2560				1 HR.
4.	4 X .750	590	35.0	92	1980				1 HR.
5.	4 X .750	600	14.0	98	1000				4 HRS.

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	2.661	43.35	313.2	.9680	1.256	1.024	144
2	2.661	66.74	318.2	.9619	1.256	1.023	220
3.	2.661	131.95	348.2	.9662	1.256	1.027	438
4.	2.661	145.30	603.2	.9706	1.256	1.048	494
5.	2.661	92.65	613.2	.9653	1.256	1.047	313

NO.	P_t	Temp. °R	T_r	Z
1.	.47	555	1.51	.953
2.	.47	562	1.53	.955
3.	.52	557	1.51	.948
4.	.90	552	1.50	.911
5.	.92	558	1.52	.913

Gas Liquid Hydrocarbon Ratio dry Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons ____ Deg.
Specific Gravity Separator Gas .6337 XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure 670 P.S.I.A. ____ P.S.I.A.
Critical Temperature 368 R ____ R

P_c 3448.2 P_c^2 11890.1

NO	BHP	P_w	P_w^2	$P_c^2 - P_w^2$
1	4470.2	3425.5	11733.9	156.2
2	4200.2	3200.9	10245.6	1644.5
3	3465.2	2606.4	6793.4	5096.7
4	2619.2	1961.9	3848.9	8041.2
5	1696.2	1284.8	1650.8	10239.3
SI	4616.2			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 76.121$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 8.725$

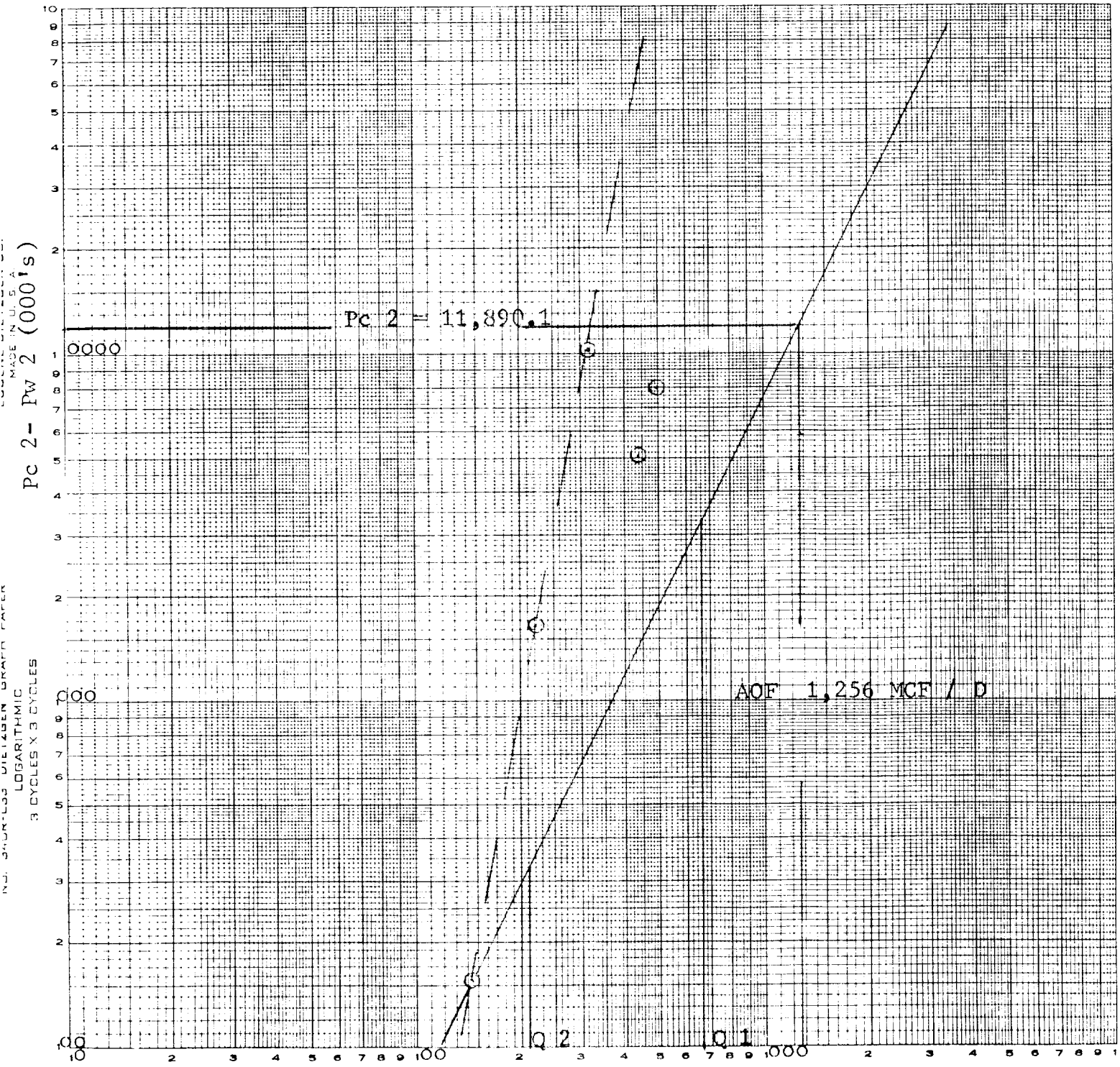
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.256$

Absolute Open Flow 1,256 Mcfd @ 15.025 | Angle of Slope θ 63.5 | Slope, n .500

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	DAVIS SERVICES INC.	RICK PAGAN	

COMPANY : ~~BASS ENTERPRISES & PRODUCTION~~
ASE : BIG EDDY UNIT
WELL NO. : # 80
UNIT : I / sec. 3/ twp. 21s/ rge. 28e
COUNTY : EDDY
STATE : NEW MEXICO
DATE : JUNE 30,1980



Q MCF / D

Q 1= 664; LOG OF Q 1 = 2.8222190
Q 2= 210; LOG OF Q 2 = 2.3222190

N = .500

NEW-TEX LAB
P. O. BOX 1161
HOBBS, N.M. 88240

No. 3632
Run No.
Date of Run 7-1-80
Date Secured 6-30-80

CERTIFICATE OF ANALYSIS

Larry R Bass

A Sample of ~~Bass Enterprises~~ Big Eddy Unit 80
Secured from Davis Services
At Box 2033
Hobbs, NM 88240
Secured by
Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	2.315		
Air			
Nitrogen	.453		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	89.230		
Ethane	5.928		1.581
Propane	1.125		.309
Butanes			
Iso-Butane	.286		.093
N-Butane	.343		.108
Pentanes			
Iso-Pentane	.129		.047
N Pentane	.064		.023
Hexanes	.094		.039
Heptanes Plus	.033		.015
Octanes			
TOTAL	100.000		2.215

Calc. Sp. Gr.— 0.6337
Calc. A.P.I.—
Calc. Vapor Press.— PSIA
Sp. Gr.
Mol. Wt. 18.37

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	.309
Butanes Calc. G.P.M.	.201
Pentanes Plus. G.P.M.	.124
Ethane Calc. G.P.M.	1.581
___ RVP Gasoline G.P.M.	

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.

Dry Basis	1068
Wet Basis	1049

Sulfur Analysis by Titration Gr./100 Cu. Ft.

Hydrogen Sulfide	
Mercaptans	
Sulfides	
Residual Sulfur	
Total Sulfur	

Run by Deane Simpson Checked by Approved by Deane Simpson

Additional Data and Remarks

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_w)

Form C-122F
Adopted 9-1-65

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

Perry R. Bass

COMPANY ~~BASS ENTERPRISES~~ LEASE BIG EDDY UNIT WELL NO. # 80 DATE 06/30/80

LOCATION: Unit I Section 3 Township 21s Range 28e

L 11798 H 11798 L/H 1.000 G .6337 % CO_2 2.315 % N_2 .453 % H_2S

GH 7476 P_{cr} 670 (TABLE IX & X) T_{cr} 368 (TABLE IX & X)

LINE		1 st	2 nd	3 rd	4 th				
		1	2	3	4	5	6	7	8
1	T_W(W.H. °R)	534	534	534	534	534	534	534	534
2	T_s(B.H. °R)	652	652	652	652	652	652	652	652
3	$T=(\frac{T_W + T_S}{2})$	593	593	593	593	593	593	593	593
4	Z (Est.)	.926	.888	.905	.870	.852	.830	.817	.818
5	TZ	549.1	526.6	536.7	515.9	505.2	492.2	484.5	485.1
6	GH/TZ	13.615	14.197	13.930	14.491	14.797	15.189	15.431	15.412
7	e^S(Table XIV)	1.666	1.703	1.686	1.722	1.742	1.768	1.784	1.782
8	P_f or P_s	4470.2	4470.2	4200.2	4200.2	3465.2	3465.2	2619.2	2619.2
9	P_f^2 or P_s^2	19982.7	19982.7	17641.7	17641.7	12007.6	12007.6	6860.2	6860.2
10	$P_c^2 = P_f^2/e^S$ or $P_w^2 = P_s^2/e^S$	11992.8	11733.9	10463.5	10245.6	6894.0	6793.4	3846.2	3848.9
11	P_c or P_w	3463.1	3425.5	3234.7	3200.9	2625.6	2606.4	1961.2	1961.9
12	$P=(\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	3966.6	3947.8	3717.5	3700.5	3045.4	3035.8	2290.2	2290.5
13	$P_r = (P/P_{cr})$	5.92	5.89	5.55	5.52	4.55	4.53	3.42	3.42
14	$T_r = (T/T_{cr})$	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
15	Z (Table XI)	.888	.886	.870	.869	.830	.830	.818	.818

One copy to be filed in District Office (Work copy acceptable)

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_t or P_w)

Form C-122F
Adopted 9-1-65

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

Perry R. Bass

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LOCATION: Unit I Section 3 Township 21s Range 28e

L 11798 H 11798 L/H 1.000 G .6337 % CO_2 2.315 % N_2 .453 % H_2S _____

GH 7476 P_{cr} 670 (TABLE IX & X) T_{cr} 368 (TABLE IX & X)

5 th

LINE		1	2	3	4	5	6	7	8
1	T_w(W.H. °R)	534	534						
2	T_s(B.H. °R)	652	652						
3	$T=(\frac{T_w + T_s}{2})$	593	593						
4	Z (Est.)	.839	.851						
5	TZ	497.5	504.6						
6	GH/TZ	15.026	14.814						
7	e^S(Table XIV)	1.757	1.743						
8	P_f or P_s	1696.2	1696.2						
9	P_f^2 or P_s^2	2877.1	2877.1						
10	$P_c^2 = P_f^2/e^S$ or $P_w^2 = P_s^2/e^S$	1637.7	1650.8						
11	P_c or P_w	1279.7	1284.8						
12	$P=(\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	1488.0	1490.5						
13	$P_r = (P/P_{cr})$	2.22	2.23						
14	$T_r = (T/T_{cr})$	1.61	1.61						
15	Z (Table XI)	.851	.850						

One copy to be filed in District Office (Work copy acceptable)

JARREL SERVICES, INC.

POST OFFICE BOX 1654 PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

COMPANY: ~~Bass Enterprises Production~~ Co.

WELL: Big Eddy, No. 80 FIELD: -

CHRONOLOGICAL PRESSURE DATA

DATE	STATUS OF WELL	TIME	ELASPED TIME HRS.	MIN.	SURFACE PRESSURE TBG	CSG	BHP @ ( ) 11798'PSIG
1980							
6 30	Shut in. Run Static Gradient w/Tandem Bombs & Set Bombs off @ 11798'	10:30 AM	-	-	3435 DWT	PKR	4603
	Started 1st Rate	11:00	0	30			
	Finished 1st Rate & Started 2nd Rate	12:00 N	1	00			4457
	Finished 2nd Rate & Started 3rd Rate	1:00 PM	1	00			4187
	Finished 3rd Rate & Started 4th Rate	2:00	1	00			3452
	Finished 4th Rate & Started 5th Rate	3:00	1	00			2606
	Flowing	4:00	1	00			2063
	"	5:00	2	00			1824
	"	6:00	3	00			1710
	Finished 5th Rate & Shut in for Buildup	7:00	4	00			1683
	Shut in	7:15	0	15	-	-	1905
	"	7:30	0	30	-	-	2127
	"	8:00	1	00	-	-	2507
	"	9:00	2	00	-	-	3100
	"	10:00	3	00	-	-	3557
	"	11:00	4	00	-	-	3927
	"	12:00 MN	5	00	-	-	4082
7 1 80	"	1:00 AM	6	00	-	-	4201
	"	2:00	7	00	-	-	4251
	"	3:00	8	00	-	-	4283
	"	4:00	9	00	-	-	4315
	"	5:00	10	00	-	-	4347
	"	6:00	11	00	-	-	4393
	"	7:00	12	00	-	-	4425
	"	8:00	13	00	-	-	4461
	"	9:00	14	00	-	-	4498
	"	10:00	15	00	-	-	4525
	"	11:00	16	00	-	-	4548
	"	12:00 N	17	00	-	-	4566
	"	1:00 PM	18	00	-	-	4589
	"	2:00	19	00	-	-	4602
	"	3:00	20	00	-	-	4607

WELL: Big Eddy, No. 80
PAGE: 2

DATE	STATUS OF WELL	TIME	ELASPED TIME HRS.	MIN.	SURFACE PRESSURE TBG	CSG	BHP @ ( ) 11798'PSIG
	Cross Flow	4:00	21	00	-	-	4598
	"	5:00	22	00	-	-	4584
	"	6:00	23	00	-	-	4580
	"	7:00	24	00	-	-	4580
	"	8:00	25	00	-	-	4580
	"	9:00	26	00	-	-	4589
	"	10:00	27	00	-	-	4594
	"	11:00	28	00	-	-	4598
	"	12:00 MN	29	00	-	-	4603
7 -	"	1:00	30	00	-	-	4607
	"	2:00	31	00	-	-	4612
	"	3:00	32	00	-	-	4616
	"	4:00	33	00	-	-	4621
	"	5:00	34	00	-	-	4626
	"	6:00	35	00	-	-	4630
	"	7:00	36	00	-	-	4634
	"	8:00	37	00	-	-	4634
	"	9:00	38	00	-	-	4639
	"	10:00	39	00	-	-	4644
	"	11:00	40	00	-	-	4648
	"	12:00 N	41	00	-	-	4653
	"	1:00 PM	42	00	-	-	4658
	"	2:00	43	00	-	-	4662
	"	3:00	44	00	-	-	4667
	"	4:00	45	00	-	-	4671
	"	5:00	46	00	-	-	4676
	"	6:00	47	00	-	-	4680
	"	7:00	48	00	-	-	4680
	"	8:00	49	00	-	-	4685
	"	9:00	50	00	-	-	4690
	"	10:00	51	00	-	-	4694
	"	11:00	52	00	-	-	4694
	"	12:00 MN	53	00	-	-	4699
7 3	"	1:00 AM	54	00	-	-	4703
	"	2:00	55	00	-	-	4703
	"	3:00	56	00	-	-	4708
	"	4:00	57	00	-	-	4708
	"	5:00	58	00	-	-	4712
	"	6:00	59	00	-	-	4717
	"	7:00	60	00	-	-	4721
	"	8:00	61	00	-	-	4721
	"	9:00	62	00	-	-	4726
	"	10:00	63	00	-	-	4726
	"	11:00	64	00	-	-	4731
	"	12:00 N	65	00	-	-	4731
	"	1:00 PM	66	00	-	-	4735
	"	2:00	67	00	-	-	4740
	"	3:00	68	00	-	-	4740
	"	4:00	69	00	-	-	4740
	"	5:00	70	00	-	-	4744
	"	6:00	71	00	-	-	4749
	"	7:00	72	00	-	-	4749
	"	8:00	73	00	-	-	4753

WELL: Big Eddy, No. 80
PAGE: 3

DATE	STATUS OF WELL	TIME	ELASPED TIME HRS.	ELASPED TIME MIN.	SURFACE PRESSURE TBG	SURFACE PRESSURE CSG	BHP @ ( ) 11798'PSIG
	Cross Flow	9:00	74	00	-	-	4753
	"	10:00	75	00	-	-	4758
	"	11:00	76	00	-	-	4763
	"	12:00 MN	77	00	-	-	4763
	"	1:00 AM	78	00	-	-	4763
	"	2:00	79	00	-	-	4767
	"	3:00	80	00	-	-	4767
	"	4:00	81	00	-	-	4772
	"	5:00	82	00	-	-	4776
	"	6:00	83	00	-	-	4776
	"	7:00	84	00	-	-	4781
	"	8:00	85	00	-	-	4781
	"	9:00	86	00	-	-	4781
	"	10:00	87	00	-	-	4785
	"	11:00	88	00	-	-	4785
	"	12:00 N	89	00	-	-	4785
	"	1:00 PM	90	00	-	-	4785
	"	2:00	91	00	-	-	4790
	"	3:00	92	00	-	-	4790
	"	4:00	93	00	-	-	4790
	"	5:00	94	00	-	-	4790
	"	6:00	95	00	-	-	4790
	Fished Bombs & Run Static Gradient	7:00	96	00	3548	-	4790

JARREL SERVICES, INC.

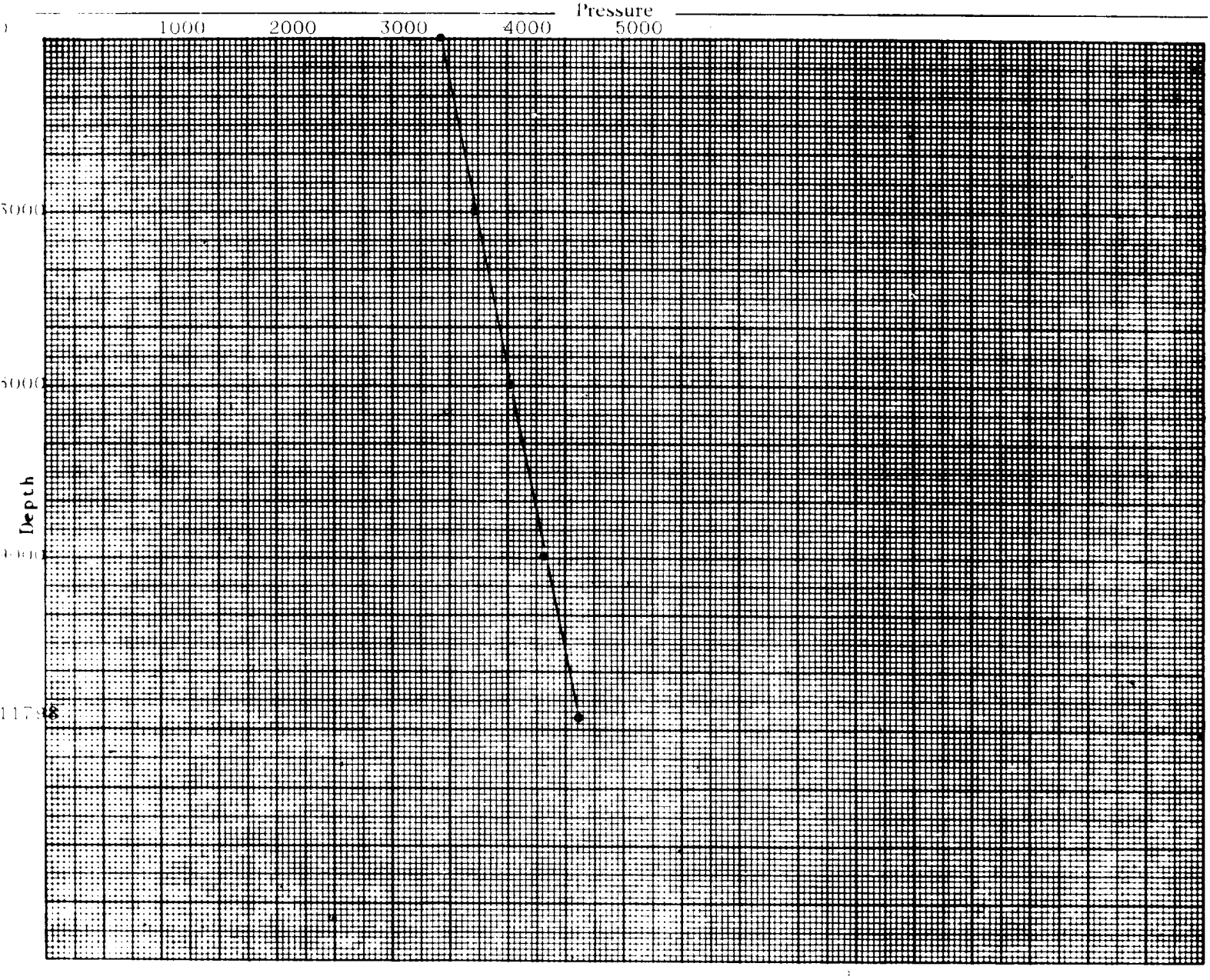
POST OFFICE BOX 1651 PHONES 505 393-5396 393-8274

HOBBS, NEW MEXICO 88240

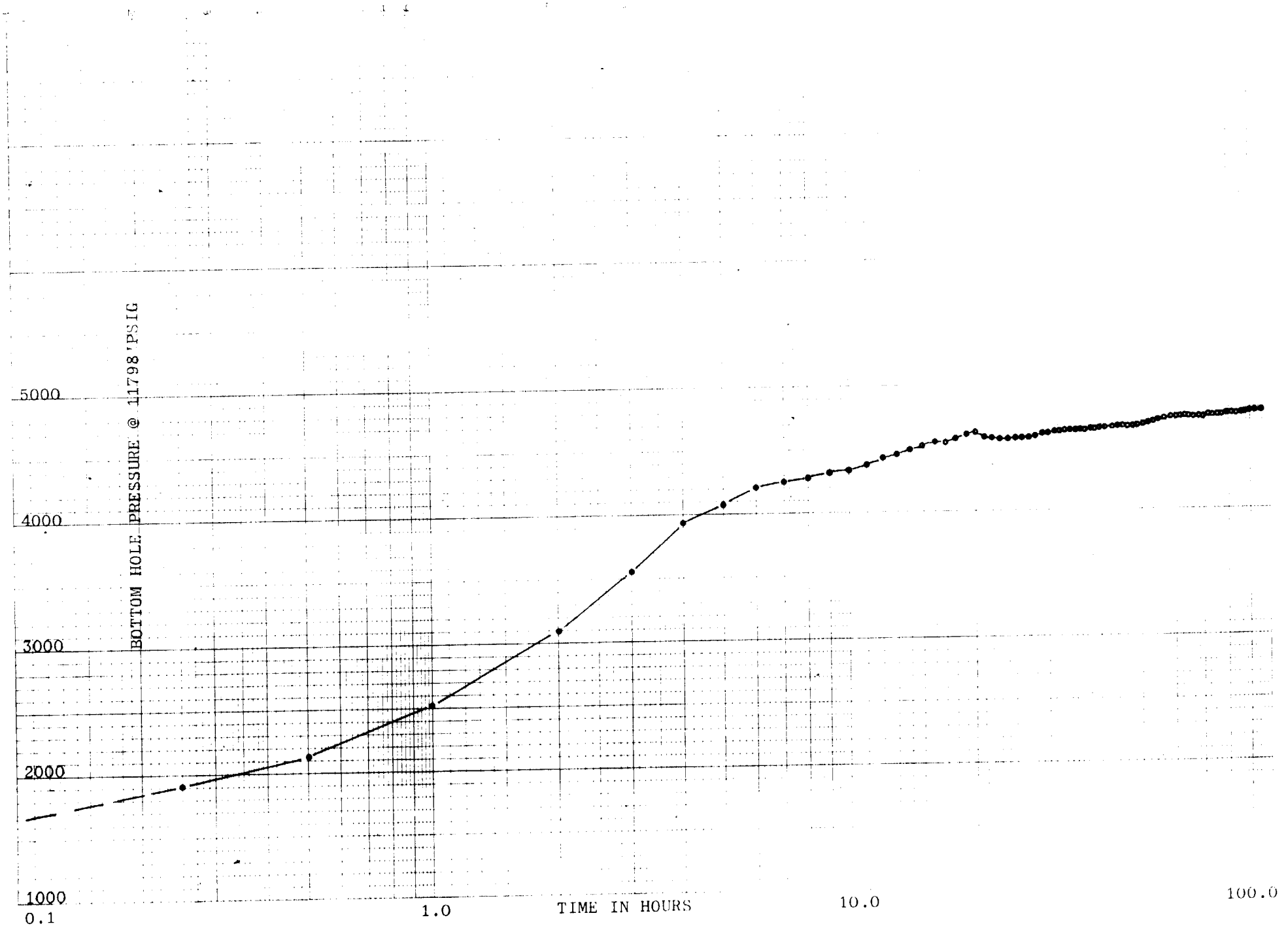
OPERATOR Bass Enterprises Production Co.
FIELD –
FORMATION –
LEASE Big Eddy WELL #80
COUNTY Eddy STATE New Mexico
DATE June 30, 1980 TIME 10:30 AM
Status
Test Depth 11798'
Time S.I. Last test date –
Tub. Pres. 3435 DWT BHP last test –
Cas. Pres. PKR BHP change –
Elev. – Fluid top
Datum – Water top
Temp. @ Run by JSI #21
Cal. No. M4421 Chart No. 1

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	3435	–
3000	3723	.096
6000	4020	.099
9000	4320	.100
11798	4603	.101



JARREL SERVICES, INC.



JARREL SERVICES, INC.

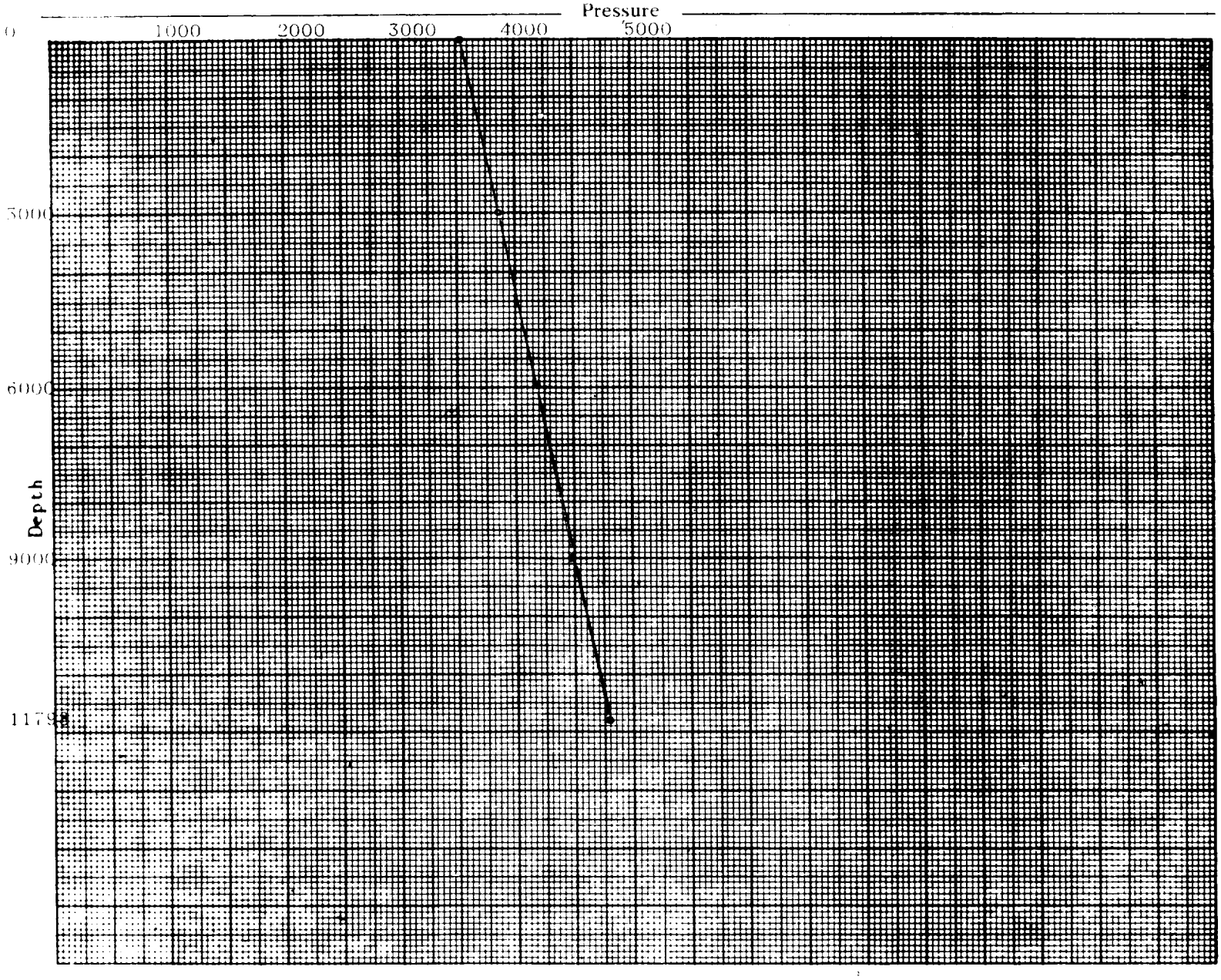
POST OFFICE BOX 1654 PHONES 505 393-5396 — 393-8274

HOBBS, NEW MEXICO 88240

OPERATOR Bass Enterprises Production Co.
FIELD -
FORMATION -
LEASE Big Eddy WELL #80
COUNTY Eddy STATE New Mexico
DATE July 4, 1980 TIME 7:00 PM
Status Shut in
Tes. Depth 11798'
Time S.I. 96 hrs. Last test date 6-30-80
Tub. Pres. BHP last test 4603
Cas. Pres. 3548 BHP change 187# Gain
Elev. - Fluid top None
Datum - Water top None
Temp. @ - Run by JSI #13
Cal. No. A14421 Chart No. 2

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	3548	-
3000	3860	.104
6000	4175	.105
9000	4493	.106
11798	4790	.106



LTR

Job separation sheet

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM03926

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

7. UNIT AGREEMENT NAME: Big Eddy Unit

8. FARM OR LEASE NAME: Big Eddy Unit

2. NAME OF OPERATOR: Perry R. Bass

9. WELL NO.: 80

3. ADDRESS OF OPERATOR: P. O. Box 2760, Midland, Texas 79702

10. FIELD AND POOL, OR WILDCAT: ~~Big~~ Eddy Morrow

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 2538' FNL & 660 FEL of Section - Unit Letter H.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 3, 21S, 28E

At top prod. interval reported below

At total depth

RECEIVED
JUL 17 1980
O. C. D.
ARTESIA, OFFICE

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	3/19/80	Eddy	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4/19/80	6/1/80	6/30/80	3284.7 GL 3302.7 KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG. BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
12,283'	12,227'	—	→	0-12,283'	—

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: 11,834'-11,989' Morrow

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CN-FD, DLL-MSFL

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42	456'	15"	450sxs class"C" Plus Add.	none
8-5/8"	28	3140'	11"	450sxs"Lite+150sxs"C & 750sxs "Lite"+100sxs"C"	none
5-1/2"	17	12283'	7-7/8"	200sxs"Lite & 750sxs"H"	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
none				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	11777'	11740'

31. PERFORATION RECORD (Interval, size and number)
1-SPF: 11834, 11837, 11839, 11849, 11852, 11855, 11889, 11891, 11893, 11946, 11947, 11983, 11985, 11989. (4" gun - 2 runs)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11834-11989	Acidize w/2800 gals. 7-1/2% MSR-100 Acid w/additives and Inhibitor & 27 balls.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
6/27/80	Flowing	SI-WOPL

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/30/80	8	Var.		none	313	none	Dry

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
3435	Packer		none	CAOF 1256	none	—

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Two (2) each of above logs.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Production Clerk DATE 7/14/80

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	3093	+208
Bone Spring	6630	-3329
Wolfcamp	9714	-6413
Strawn	10630	-7329
Atoka	11028	-7727
Morrow	11565	-8264
M. Morrow	11801	-8500
L. Morrow	12077	-8776

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