

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator

Perry R. Bass

Pool

Indian Flats Delaware

County

Eddy

Address

Box 2760, Midland, Texas 79702

TYPE OF TEST - (X)

Scheduled ☐

Completion ☒

Specimen ☒

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL
		U	S	T	R							WATER BBL'S.	GRAV. OIL	OIL BBL'S.	GAS M.C.F.	
EG EDDY UNIT LC 067144	49	L	35	21S	28E	11-16-77	P	---	---	18	24	109	42.5	63	38.241	607

RECEIVED

DEC 2 1977

O.C.G.
ARTEZIA. OFFICE

RECEIVED

DEC 2 1977

O. C. G.
ARTERIAL OFFICE

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

H. S. Wherry, Sr.
(Signature)

Senior Production Clerk

November 30, 1977

(Date)

Big Eddy Unit #49, Indian Flats Delaware

10-17-77 - Workover rig - broke down while in route to location. Hope to get started 10-18-77

Big Eddy Unit #49, Indian Flats Delaware

10-19-77 - RU DA&S, NU BOP's. POOH w/ rods. Tagged top fill @ 3736' perf @ 3655'-3677' POOH w/ tbq. Set Baker retrievable BP on tbq @ 3610'.

Big Eddy Unit #49, Indian Flats Delaware

10-19-77 - No report.

Big Eddy Unit #49, Indian Flats Delaware

~~10-02-77~~
19 - Tbg Swung @ 3602', Worthwell ran base temperature and Gamma Ray logs- 3602' - 3000'. Howco circ hole w/ 73 bbls/lease crude containing 25# K-34 and 2 gal Hyflow III per 1000 gal. Spotted 150 gal 10% MCA w/ 2 gal /1000 gal HAI # 50 @ 3602'. POOH w/ tbq Worthwell perf 5 1/2" csg from 3529'-3538' 2 JSPF. RD BOP and tbq head. Howco frac'd perfs 3529'-3538' w/ 10,000 gal MT-T-oil II (gelled lease crude) 25 #/1000 gal K-34 and 10,500 lbs sand. Note: 10-20- frac sand tagged w/ radio active material 10 millicuries per 100 gal.

- A. am Howco commenced 2000 gal pad. Acid broke formation 2500#-1600#-1950#/ 6 BPM (gel pad on formation broke from 1950#-1550#).
- B. Followed w/ 1000 gal containing 1#/gal 20-40 sand 1550-1600#, 6 BPM.
- C. Followed w/1000 gal containing 1/2# gal 10-20 sand 1600#-1700#, 6 BPM.
- D. Followed w/2000# gal containing 1#/gal 10-20 sand 1700#-1800#, 4 1/2 BPM.
- E. Followed w/2000 gal containing 1 1/2#/gal 10-20 sand 1800#-1700#, 6 BPM.
- F. Followed w/2000 gal containing 2#/gal 10-20-sand 1700#-1950#, 6 BPM.
- G. Flushed w/84 bbls lease crude. 1700#-1900# 6 BPM. JC @ 2:58 pm 10-19-77.
- H. ISIP 1750#, 5 min, 1350#, 10 min, 1350#, 15 min 1350#, 3 hrs 1100#.

Worthwell ran temperature decay and Gamma Ray log tagged top sand at 3538'. RA tracer indicates frac stayed in zone. JC @ 6 pm 10-19-77. Secured well. SDON.

Big Eddy Unit #49, Indian Flats Delaware

10-20-77 - SI CP 500 psi. Opened well to test tank wide open choke.

- a) 1st hr - 24 BO
- b) 2nd hr - 13 BO
- c) 3rd hr - 7 BO
- d) 4th hr - 7 BO
- e) 1/2 hr - 7 BO

Removed treating head and NU BOP's, well flowing to pit at approx same rate. RIH w/tbg and retrieving head, tagged top sand @ 3565' - well flowing to pit. Circ'd out sand to top of RBP @ 3610'. POOH w/ RBP and tbg. Well stopped flowing after RBP released. Secured well. SDON. Total rec for day is 75 BO.

10-21-77 - SITP = 0. Light blow gas. Started in hole w/tbg. Well commenced flowing at rate of 5-7 BO/hr. WIH w/ tbg, rods and 1 1/4" pump. On test @ 2:30 pm 10-21-77.

Kill truck picked up 40 BO in pit and hauled to battery. Balance on load oil = 419 bbls. Rec 10-21-77 = 39 bbls. Oil to recover = 380 bbls.

Big Eddy Unit #49, Indian Flats Delaware

10-22-77 - (P) 72 BO + no water in 17 hrs. 308 bbls load left to rec. \$11,469.

Big Eddy Unit #49, Indian Flats Delaware

10-23-77 - 24 hr test. (P) 70 BO + 96 BW.

10-24-77 - 24 hr test. (P) 62 BO + 85 BW. 170 bbls left to recover.

10-25-77 - (P) 45 BO + 22 BW in 11 hrs. Load left - 125 bbls. Down 13 hrs. (Butane froze off).

Big Eddy Unit #49, Indian Flats Delaware

10-26-77 - (P) 63 BLOPD + 91 BWPD. (Est unit down 5 hrs, butane probelems) Load oil left to recover = 62 bbls.

Big Eddy Unit #49, Indian Flats Delaware

10-27-77 - (P) 80 BOPD + 110 BWPD. This is 18 bbls oil over load.

Big Eddy Unit #49, Indian Flats Delaware

10-29-77 - (P) 44 BOPD + 74 BWPD. Down 8 hrs. Engine trouble: rain.

10-30-77 - (P) 33 BOPD + 55 BWPD. Down 12 hrs. Engine trouble: rain.

10-31-77 - (P) 63 BOPD + 109 BWPD. 24 hr test. Light blow of gas from csg.

Big Eddy Unit #49, Indian Flats Delaware

11-1-77 - No report.

g Eddy Unit #49, Indian Flats Delaware

11-1-77 - Engine failure - need fuel switch for water and need head for small motor. (P) 41 BOPD + 73 BWPD. Water sample to Martin Lab 11-1-77. Down 8 hrs. Cum hrs 3. Back on.