				Form C-103
NEW BARYIC		SERVATION COM	AISSION	(Revised 3-55)
ir i		REPORTS ON WE		· · ·
(Submit to appropriate				1106)
(Submit to appropriate	District Or.	rice as per obmini		
COMPANY Amerada Petrole	um Corporati	Lon - Drawer D. Mom	ment, New M	exice
	(A	(ddress)		
LEASE State WM "D"	WELL NC	0. 2 UNIT I	s 15 T	19-5 R 36-B
DATE WORK PERFORMED	3-5-56 to 3	3-8-56 POOL U	ndesignated	
This is a Report of: (Check	appropriat	e block) Re	sults of Tes	st of Casing Shut-o
Beginning Drilling			medial Wor	·k
	~ F	امیسیسید. بنده میکند.		
Plugging		X Ot	her Complet	ion work
Detailed account of work do	ne nature :	and quantity of mat	erials used	and results obtain
240' TD - 4235' DOD - Set 52	" OD Casing	at 4240' with 400 i	facks. Kan	temperature survey
op cement outside 52" OD Cas	ing at 1440	' or 98.6% fill.	• .	
rilled coment inside 52" Cas	ting from 41	94' to 4235'. Perf	orated 5th C	lasing from 4153' t
190' and 4205' to 4230' with	248 Lane	alls Type "E" Bulle	ts. Ran 3 1	ts. 2-7/8" Tubing
34 jts. 32" OD Tubing set at	19201 4.00	ing names from \$22	61 to 12201	Chaiberson LR-30
M JES. 32- OD REDING SEC SE	4270 500	the period from Acc	o oo acju j	
acker set at 4125', Guiberse	n Holddown i	at 4121 and 22" se	ating nipple	ACICIZ
bove perforations with 500 g	allens Dewe	11 15% LST Acid, br	saicdown and	maximum pressures
inimum pressure 3200#, avera	ge injection	n rate 1.9 bbls. pe	r minute. M	ushed with 36 bbls
	rferstions 1	with 00 000	Venentze 21	gravity refined a
ruas oll, Sang-Ull above pe			i and i and i and i	
ind 20,000 1bs. 20-40 Ottawa	sand, maxim	um pressure 4800#, 1	minimum pres	sure 4400#, final
nd 20,000 lbs. 20-40 Ottawa ressure 3000#. injection rat	sand, maxim	um pressure 4800#, per minute. Flowed	and swabbed	sure 4400#, final
nd 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat ulled 2-7/8" and 32" Tubing.	sand, maxim e 10 bbls. ; Ran 136 jt:	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing	and swabbed set at 4201	sure 4400#, final part of load oil. .', tubing perforat
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat ulled 2-7/8" and $3\frac{1}{2}$ " Tubing.	sand, maxim e 10 bbls. ; Ran 136 jt:	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing	and swabbed set at 4201	sure 4400#, final part of load oil. .', tubing perforat
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat ulled 2-7/8" and $3\frac{1}{2}$ " Tubing. From 4183' to 4186', seating	sand, maxim e 10 bbls.) Ran 136 jt nipple at 43	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of	and swabbed set at 4201 f load cil,	sure 4400#, final i part of load oil. ., tubing perforat after running pump
nd 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat ulled 2-7/8" and 32" Tubing. From 4183' to 4186', seating rods. Pumped 44.72 bbls. cil	sand, maxim te 10 bbls. ; Ran 136 jt: nipple at 4: & 4.92 bbls	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of . water in 24 hrs.	and swabbed set at 4201 f load cil,	sure 4400#, final i part of load oil. ., tubing perforat after running pump
nd 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat ulled 2-7/8" and 31" Tubing. rom 4183' to 4186', seating ods. Pumped 44.72 bbls. oil su. ft. per day, GOR 1474, Ga	sand, maximum ce 10 bbls. ; Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of a water in 24 hrs. corrected.	nininam pres and swabbed set at 4201 f lead eil, on 14-54 " Si	sure 4400#, final i part of load oil. ., tubing perforat after running pump
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat ulled 2-7/8" and 32" Tubing. rom 4183' to 4186', scating ods. Pumped 44.72 bbls. cil su. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM.	sand, maximum ce 10 bbls. ; Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of a water in 24 hrs. corrected.	nininam pres and swabbed set at 4201 f lead eil, on 14-54 " Si	sure 4400#, final i part of load oil. ., tubing perforat after running pump
nd 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat rulled 2-7/8" and 31" Tubing. rom 4183' to 4186', seating rods. Pumped 44.72 bbls. oil ru. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data:	sand, maxim ce 10 bbls. ; Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6 EDIAL WOR	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of a water in 24 hrs. cerrected. RK REPORTS ONL	nininam pres and swabbed set at 4201 f lead eil, on 14-54 " Si Y	sure 4400#, final l part of load oil. .', tubing perforat after running pump PM. Gas volume 65,9
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat rulled 2-7/8" and 31" Tubing. From 4183' to 4186', seating reds. Pumped 44.72 bbls. cil su. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD	sand, maxim ie 10 bbls. ; Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6 EDIAL WOR PBD	per minute. Flowed s. 2-3/8" OD Tubing 182'. Pumped rest of water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int.	nininam pres and swabbed set at 4201 f lead eil, on 14-54 " Si Y Con	mpl Date
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat vulled 2-7/8" and 32" Tubing. From 4183' to 4186', seating ods. Pumped 44.72 bbls. cil su. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept	sand, maxim ie 10 bbls.] Ran 136 jt: nipple at 4 & 4.92 bbls ravity 35.6 EDIAL WOR PBD	per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininam pres and swabbed set at 4201 f lead eil, on 14-54 " Si Y Con	mpl Date
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat valled 2-7/8" and 32" Tubing. From 4183' to 4186', seating vods. Pumped 44.72 bbls. cil su. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s)	sand, maxim ie 10 bbls. ; , Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6 EDIAL WOR PBD th	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	mpl Date tring Depth
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat valled 2-7/8" and 32" Tubing. From 4183' to 4186', seating vds. Pumped 44.72 bbls. cil su. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s)	sand, maxim ie 10 bbls. ; , Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6 EDIAL WOR PBD th	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	mpl Date tring Depth
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat valled 2-7/8" and 32" Tabing. From 4183' to 4186', seating vds. Pumped 44.72 bbls. cil sa. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval	sand, maxim ie 10 bbls. ; , Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6 EDIAL WOR PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat rulled 2-7/8" and 34" Tubing. From 4183' to 4186', seating reds. Pumped 44.72 bbls. cilles. reds. Pumped 44.72 bbls. cilles. FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER:	sand, maxim ie 10 bbls. ; , Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6 EDIAL WOR PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
nd 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat valled 2-7/8" and 34" Tubing. rom 4183' to 4186', seating vds. Pumped 44.72 bbls. oil su. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER: Date of Test	sand, maxim ie 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat 'ulled 2-7/8" and 32" Tubing. 'rom 4183' to 4186', seating 'rom 5000 for the formation of the formati	sand, maxim ie 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat 'ulled 2-7/8" and 32" Tubing. 'rom 4183' to 4186', seating Original Well Data: 'DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval 'Open Hole Interval Open Hole Second Context Date of Test Oil Production, bbls. per d Gas Production, Mcf per da	sand, maxim ie 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
and 20,600 lbs. 20-40 Ottawa ressure 3000#, injection rat 'ulled 2-7/8" and 32" Tubing. 'rom 4183' to 4186', seating Original Well Data: 'DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval 'RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per d Gas Production, Mcf per da Water Production, bbls. pe Mater Production, bbls. pe	sand, maxim ce 10 bbls. ; Ran 136 jt: nipple at 4: & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rat rulled 2-7/8" and 3." Tubing. From 4183' to 4186', seating rods. Pumped 44.72 bbls. cill su. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per da Gas Production, Mcf per da Water Production, bbls. per da	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rate 'ulled 2-7/8" and 32" Tubing. 'rom 4183' to 4186', seating Original Well Data: 'DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval 'Open Hole Interval Oil Production, bols. per d Gas Production, Mcf per da Water Production, bols. per l Gas Well Potential, Mcf per Gas Well Potential, Mcf per	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	nininum pres and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St	sure 4400#, final part of load oil. ", tubing perferat after running pump PM. Gas volume 65,9 mpl Date tring Depth
and 20,000 lbs. 20-49 Ottam ressure 3000#, injection rat rulied 2-7/8" and 32" Tubing. rom 4183' to 4186', seating rods. Pumped 44.72 bbls. oil eu. ft. per day, GOR 1474, Gr FILL IN BELOW FOR REM Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per d Gas Production, Mcf per da Water Production, bbls. per Gas Well Potential, Mcf per	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	um pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL Prod. Int. Oil String Dia	minimum pres and swabbed set at 4201 f lead eil, on 14-54 SI Y Con Oil St s) BEFORE	mpany)
arude oil. Sand-Oil above pe and 20,000 lbs. 20-40 Ottama ressure 3000#, injection rat Pulled 2-7/8" and 32" Tubing. From 4183' to 4186', seating reds. Pumped 44.72 bbls. oil cu. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per da Gas Production, Mcf per da Water Production, bbls. per Gas Well Potential, Mcf per Witnessed by OUL CONSERVATION C	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	I hereby certi	minimum pres and swabbed set at 4201 f lead eil, on 14-54" Si Y Con Oil St s) BEFORE	mpany) mpany) mpany) missure 4400#, final lead eil. I part of lead
and 20,000 lbs. 20-40 Ottawa ressure 3000#, injection rate 'ulled 2-7/8" and 32" Tubing. 'rom 4183' to 4186', seating Original Well Data: 'DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval 'Open Hole Interval Oil Production, bols. per d Gas Production, Mcf per da Water Production, bols. per l Gas Well Potential, Mcf per Gas Well Potential, Mcf per	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	I hereby certi	minimum pres and swabbed set at 4201 f lead eil, on 14-54" Si Y Con Oil St s) BEFORE	mpany)
and 20,600 lbs. 20-40 Ottam ressure 3000#, injection rat Pulled 2-7/8" and 32" Tubing. From 4183' to 4186', seating rods. Pumped 44.72 bbls. oil cu. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per d Gas Production, Mcf per da Water Production, bbls. pe Gas Well Potential, Mcf per Witnessed by	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	I hereby certi	inimum pres and swabbed set at 4201 f lead eil, on 14-54 " Si Y Con Oil St S) BEFORE BEFORE (Co fy that the in and complet	mpany) mpany) mpart of load oil. ', tubing perferat after running pump PM. Gas volume 65,9 AFTER
and 20,000 lbs. 20-40 Ottama ressure 3000#, injection rate 'ulled 2-7/8" and 32" Tubing. 'rom 4183' to 4186', seating Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval 'RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per d Gas Production, Mcf per da Water Production, bbls. per Gas Well Potential, Mcf per Witnessed by OIL CONSERVATION C OIL CONSERVATION C OIL CONSERVATION C	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	<pre>ma pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of . water in 24 hrs. cerrected. RK REPORTS ONL</pre>	and swabbed set at 4201 f lead eil, on 14-54 Si Y Con Oil St BEFORE	mpany) mpany) mpart of load oil. ', tubing perferat after running pump PM. Gas volume 65,9 AFTER
Ind 20,000 lbs. 20-49 Ottam ressure 3000#, injection rat Pulled 2-7/8" and 32" Tubing. From 4183' to 4186', seating rods. Pumped 44.72 bbls. oil cu. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per d Gas Production, Mcf per da Water Production, bbls. per Gas Well Potential, Mcf per Witnessed by OIL CONSERVATION C Name	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	<pre>was pressure 4800#, per minute. Flowed s. 2-3/8" OD Tubing 182'. Pumped rest of s. water in 24 hrs. cerrected. RK REPORTS ONL</pre>	inimm pres and swabbed set at 4201 f lead eil, on 14-54" Si Y Con Oil St s) BEFORE	mpany) mpany) mpart of load oil. ', tubing perferat after running pump PM. Gas volume 65,9 AFTER
nd 20,000 lbs. 20-49 Ottama ressure 3000#, injection rat ulled 2-7/8" and 32" Tubing. rom 4183' to 4186', seating ods. Pumped 44.72 bbls. cill ma. ft. per day, GOR 1474, Ga FILL IN BELOW FOR REM. Original Well Data: DF Elev. TD Tbng. Dia Tbng Dept Perf Interval (s) Open Hole Interval RESULTS OF WORKOVER: Date of Test Oil Production, bbls. per d Gas Production, Mcf per da Water Production, bbls. pe Gas Oil Ratio, cu. ft. per l Gas Well Potential, Mcf per Witnessed by OIL CONSERVATION C	sand, maxim c 10 bbls. ; Ran 136 jt: nipple at 4. & 4.92 bbls ravity 35.6 EDIAL WOR PBD th PBD th Prod	<pre>ma pressure 4800#, per minute. Flewed s. 2-3/8" OD Tubing 182'. Pumped rest of . water in 24 hrs. cerrected. RK REPORTS ONL</pre>	inimm pres and swabbed set at 4201 f lead eil, on 14-54" Si Y Con Oil St s) BEFORE	mpany) mpany) mpart of load oil. ', tubing perferat after running pump PM. Gas volume 65,9 AFTER

.

Date	MAR 1 6 1956	Company Amerada Petrole

laum Corporation